ಕಡತ ಸಂಖ್ಯೆ Re-Surfacing of Roads at Munithimmaiah layout, Kondappa layout, Kempegowda Garden, Main and Cross roads in Kempegowda Ward No-01 ಪುಟದ ಸಂಖ್ಯೆ 01

ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

ಮಂಡಿಸಿದೆ.

ವಿಷಯ: Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in kempegowda ward no -01.

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂದಿಸಿದಂತೆ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಯಲಹಂಕ ಉಪ ವಿಭಾಗದ ಕೆಂಪೇಗೌಡ ವಾರ್ಡ್ ನಂ-01ರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ಮುನಿತಿಮ್ಮಯ್ಯ ಲೇಔಟ್ ಮತ್ತು ಕೊಂಡಪ್ಪ ಗಾರ್ಡ್‌ನ್‌ನ ಮುಖ್ಯ ಮತ್ತು ಅಡ್ಡರಸ್ತೆಗಳಲ್ಲಿ ಚರಂಡಿ ಮತ್ತು ರಸ್ತೆ ಅಭಿವೃದ್ಧಿಪಡಿಸಿಕೊಡಬೇಕೆಂದು ಸ್ಥಳೀಯ ಸಾರ್ವಜನಿಕರು ಯಲಹಂಕ ವಿಧಾನ ಸಭಾ ಕ್ಷೇತ್ರದ ಮಾನ್ಯ ಶಾಸಕರಿಗೆ ಮನವಿಯನ್ನು ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಮುಂದುವರೆದು ಯಲಹಂಕ ವಿಧಾನ ಸಭಾ ಕ್ಷೇತ್ರದ ಮಾನ್ಯ ಶಾಸಕರು ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆಯ 2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕ ಶಿರ್ಷಿಕೆ 05-330502ಅಡಿಯಲ್ಲಿ ಹಿಂದುಳಿದ ವರ್ಗದವರ ಕಲ್ಯಾಣ ನಿಧಿ ಕಾಮಗಾರಿಗಳು / ಮೂಲಭೂತ ಸೌಕರ್ಯ ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿಗಳಿಗೆ ಮೀಸಲಿಟ್ಟಿರುವ ಅನುದಾನದಡಿಯ ಸೇರಿ ಆರ್.ಸಿ.ಸಿ. ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡಿ ಸದರಿ ಪ್ರದೇಶಗಳನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸುವಂತೆ ತಿಳಿಸಿರುತ್ತಾರೆ.

ಅದರಂತೆ ಸ್ಥಳ ಪರಿವೀಕ್ಷಣೆ ಮಾಡಿ ಈ ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿಯನ್ನು 2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಅನುದಾನದಡಿಯಲ್ಲಿ ಸೇರಿಸಿ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ 05-330502ರ ಕಾರ್ಯಕ್ರಮದಡಿಯಲ್ಲಿ **ರೂ.೨೦.೦೦ಲಕ್ಷಗಳಿಗೆ** ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ 2023-24ನೇ ಸಾಲಿನಲ್ಲಿ ಮಂಜೂರಾಗಿರುವ ದರಪಟ್ಟಿಯಂತೆ ತಯಾರಿಸಲಾಗಿದೆ.ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳು ಒಳಗೊಂಡಿರುತ್ತದೆ.

1. ಹಾಲಿ ಇರುವ ಚರಂಡಿಗಳಲ್ಲಿ ತುಂಬಿರುವ ಹೂಳನ್ನು ತೆಗೆಯುವುದು.
2. ತೆಗೆದ ಮಣ್ಣನ್ನು ದೂರದ ಸ್ಥಳಕ್ಕೆ ಸಾಗಿಸುವುದು.
3. ಅವಶ್ಯಕ ಇರುವ ಕಡೆ ಆರ್.ಸಿ.ಸಿ ಪ್ರಿ ಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಕಲ್ಲುಗಳನ್ನು ಅಳವಡಿಸುವುದು.
4. ರಸ್ತೆಗಳಿಗೆ ವೆಟ್ ಮಿಕ್ಸ್ ಹರಡುವುದು ಮತ್ತು ಪ್ರೈಮ್‌ರ್ ಕೋಟ್ ಮತ್ತು ಟ್ಯಾಕ್ ಕೋಟ್ ಅಂಟು ಪದರ ಲೇಪಿಸುವುದು.
5. ರಸ್ತೆಗಳಿಗೆ ಬಿ.ಎಂ. ಮತ್ತು ಬಿ.ಸಿ. ಡಾಂಬರೀಕರಣ ಮಾಡುವುದು
6. ಕಿರಿದಾದ ರಸ್ತೆಗಳಿಗೆ ಕಾಂಕ್ರೀಟ್ ಹಾಕುವುದು ಇತ್ಯಾಧಿ.

ಮೇಲ್ಕಂಡ ಎಲ್ಲಾ ಅಂಶಗಳು ಸದರಿ ಕಾಮಗಾರಿಗೆ ಬಹಳ ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ. ಅದ್ದರಿಂದ ಇವುಗಳನ್ನು ಅಳವಡಿಸಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಗೆ 2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಅನುದಾನದಡಿಯಲ್ಲಿ ಸೇರಿಸಿ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ 05-330502 ರಡಿ ಜಾಬ್ ಸಂಕೇತ _____ರಂತೆ ಕಾಮಗಾರಿಯ ಸಂಕೇತ ದೊರೆತಿದ್ದು ಕೆಲಸವನ್ನು ತುರ್ತಾಗಿ ತೆಗೆದುಕೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಹಾಗೂ ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಕೈಗೊಳ್ಳಲು ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಕೋರಿ ಕಡತವನ್ನು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶಕ್ಕೆ ಮಂಡಿಸಿದೆ.

Ramalingaiah.
Executive Engineer

ಸ.ಅ

ಸ.ಕಾ.ಅ (ಯು.ಬಿ.ವಿ)
Asst. Executive Engineer
Yelahanka Sub. Division
(Bldg. Wrk. Zn.)
Yelahanka, Bangalore ಪು.ತಿ.ಸೋ

ಪುಟದ ಸಂಖ್ಯೆ -02-

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ | ಕಡತದ ಸಂಖ್ಯೆ

ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

(05) EE (yelahanka)

ಕಂಡಿಕೆ (04) ರಲ್ಲಿ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ಉಪವಿಭಾಗರವರು ಮಾಡಿರುವ ಪ್ರಸ್ತಾವನೆಯಂತೆ 2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 05-330502ರಡಿ ಹಿಂದುಳಿದ ವರ್ಗದವರ ಕಲ್ಯಾಣ ನಿಧಿ ಕಾಮಗಾರಿಗಳ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಅಭಿವೃದ್ಧಿ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೀಸಲಿಟ್ಟಿರುವ ಅನುದಾನದಡಿಯಲ್ಲಿ ಮಂಜೂರಾಗಿರುವ "Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01" ಎಂಬ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು 2023-24ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ಎಸ್.ಆರ್. ದರಪಟ್ಟಿ ಅನುಸರಿಸಿ ರೂ.50.00ಲಕ್ಷಗಳಿಗೆ ಅಂದಾಜುಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿದ್ದು, ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಮಾನ್ಯ ಮುಖ್ಯ ಆಯುಕ್ತರವರು ಅಧಿಕಾರ ಪ್ರತ್ಯಾಯೋಜಿಸಿ ಹೊರಡಿಸಿರುವ ಆದೇಶ ಸಂಖ್ಯೆ:ಬಿ12(1) ಪಿ.ಆರ್/394/2023-24 ದಿನಾಂಕ:06-12-2023ರಂತೆ ನೀಡಿರುವ ಅಧಿಕಾರದನ್ವಯ ಸದರಿ ಕಾಮಗಾರಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಹಾಗೂ ಡಿ.ಟಿ.ಎಸ್. ಅನುಮೋದನೆ ನೀಡಲು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶ ಕೋರಿ ಸಲ್ಲಿಸಿದೆ.

07/03/2025

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

(06) ಮುಖ್ಯಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ಯಲಹಂಕ)ರವರ ವರದಿಯಂತೆ ಹಾಗೂ ಮಾನ್ಯ ಮುಖ್ಯ ಆಯುಕ್ತರ ಕಛೇರಿ ಆದೇಶ ಸಂಖ್ಯೆ:ಬಿ12(1)ಪಿಆರ್/394/2023-24, ದಿನಾಂಕ:06-12-2023ರಂತೆ ಮೇಲ್ಕಂಡ ಪ್ರಸ್ತಾವನೆಯ ಅಂದಾಜುಪಟ್ಟಿ ಮೊತ್ತ ರೂ50.00ಲಕ್ಷಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಕೋರಿ ಕಡತವನ್ನು ಮಂಡಿಸಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಮು.ಅ)
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ

(07) ವಲಯ ಆಯುಕ್ತರು (ಯ.ವ) ಅನುಮೋದಿಸಿದೆ
ಕೃಷ್ಣಾನಂದ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

(08) EE (yelahanka)
ಕಂಡಿಕೆ (07)ರಲ್ಲಿ ವಲಯ ಆಯುಕ್ತರು (ಯ.ವ) ರವರು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುವಂತೆ ಅನುಮೋದನೆ ಆದಿಕ್ಕಾ, ಪ್ರಸ್ತಾವನೆಯಂತೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಅಂತ್ಯಕ್ಕೆ ನೀಡಿ ಮುಂದಿದೆ. ಹಾಗೂ ಕಡತ ನಿಮಾನಾದ ಇಂಜಿನಿಯರ್ ಮಂಜುನಾಥ್ ಮತ್ತು DTS ರವರು ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡಲು ಕೋರಿದೆ.

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

(09) ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಮು.ಅ) ಕಂಡಿಕೆ (8) ರಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಮತ್ತು DTS ಗೆ ಅನುಮೋದನೆ ನೀಡಲು ಕೋರಿದೆ.

(10) ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಮು.ಅ)
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ

Re-surfacing of roads at munithimmaiah ಪುಟಸಂಖ್ಯೆ -03-
layout, Kondappa gardens main
and cross roads in ward No -01 ಕಡತದ ಸಂಖ್ಯೆ

ಸಂಖ್ಯೆ | ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

ಮಂಡಿಸಿದೆ.

ವಿಷಯ:– Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01 ಎಂಬ ಕಾಮಗಾರಿಯ ಟೆಂಡರ್ ಮೌಲ್ಯಮಾಪನದ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ:

1. ಕಾಮಗಾರಿ ಟೆಂಡರ್ ಪ್ರಕಟಣೆ ಸಂಖ್ಯೆ: BBMP/EE/YNK.D/KPPP/16/2024-25 dated:10-03-2025.

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(10) ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂದಿಸಿದಂತೆ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಯ ಪ್ರದೇಶಗಳಲ್ಲಿ ಮೂಲಭೂತ ಸೌಕಾರ್ಯಗಳ ಅಭಿವೃದ್ಧಿಗಾಗಿ 2024–25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶೀರ್ಷಿಕೆ:05–330502 ಅಡಿ ಹಿಂದುಳಿದ ವರ್ಗಗಳ ಕಲ್ಯಾಣ ನಿಧಿ ಅನುದಾನದಡಿಯಲ್ಲಿ ವಾರ್ಡ್‌ನಂ–01 ರ ವ್ಯಾಪ್ತಿಯ ಮುನಿತಿಮ್ಮಯ್ಯ, ಬಡಾವಣೆ ಕೊಂಡಪ್ಪ ಗಾರ್ಡ್‌ನ್ ಮುಖ್ಯ ಮತ್ತು ರಸ್ತೆಗಳನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸುವ ಕಾಮಗಾರಿಯ ವಿವರ ಈ ಕೆಳಕಂಡಂತಿದೆ.

Sl No	Name of work	Estimate cost Rs in Lakhs
01	Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01	50.00
	Total	50.00

(11) ಈ ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿಗೆ ಮಾನ್ಯ ಮುಖ್ಯ ಅಭಿಯಂತರರು ಯಲಹಂಕ ವಲಯರವರಿಂದ ಅನುಮೊದನೆ ಪಡೆಯಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಕಾಮಗಾರಿಗೆ 2023–24ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ ದರಪಟ್ಟಿಯ ದರಗಳನ್ನು ಅನುಸರಿಸಿ ರೂ.50.00 ಲಕ್ಷಗಳಿಗೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಿದ್ದು, ವಲಯ ಆಯುಕ್ತರು, ಯಲಹಂಕ ವಲಯರವರು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಹಾಗೂ ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ವಲಯರವರು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಸಂಖ್ಯೆ ಬೃ.ಬೆಂ.ಮ.ಪಾ/ಮು.ಅ/ತಾ.ಮಂ/ಯ.ವ./ಪಿ.ಆರ್/2024–25 ದಿನಾಂಕ: _____ ರಂತೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ಮತ್ತು ಕರಡು ಟೆಂಡರ್ ಶೆಡ್ಯೂಲ್ – ಬಿ ಗೆ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ.

(12) ಈ ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿಗೆ ಸಂಬಂದಿಸಿದಂತೆ ಉಲ್ಲೇಖ (1) ರಂತೆ ದಿನಾಂಕ: 10–03–2025 ರಂದು KTPP.Act and KW-04 Standard Tender Document ಅನುಸಾರ Karnataka Public procurement portal ಮುಖಾಂತರ ಟೆಂಡರ್ ಕರೆದಿದ್ದು, ಸದರಿ ಟೆಂಡರ್ ಪ್ರಕಟಣೆಯನ್ನು ಸಾರ್ವಜನಿಕ ಸಂಪರ್ಕಾಧಿಕಾರಿಗಳ ಮುಖಾಂತರ ಪ್ರಜಾವಾಣಿ ದಿನಪತ್ರಿಯಲ್ಲಿ ದಿನಾಂಕ:11–03–2025 ರಂದು ಪ್ರಕಟಿಸಲಾಗಿರುತ್ತದೆ.

ಪು.ತಿ.ಸೋ

ವಿಷಯ : Re-Surfacing of roads at munikunnaiah layout, kondappa gardens main and cross roads in Kempegowda ward No-01

-04-

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

ಸದರಿ ಟೆಂಡರ್‌ನ ವಿವರಗಳು ಈ ಕೆಳಕಂಡತಿರುತ್ತದೆ.

ಕ್ರ.ಸಂ	ಅಂಶಗಳು	ವಿವರಗಳು
1	ಕೆಲಸದ ಹೆಸರು	Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01
2	ಅಂದಾಜು ಮೊತ್ತ	ರೂ. 50.00 ಲಕ್ಷಗಳು
3	ಇಂಡೆಂಟ್ ನಂ	BBMP/2024-25/OW/WORK_INDENT6870
4	ಅನುದಾನದ ಯೋಜನೆ ಹೆಸರು	2024-25 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಅನುದಾನ
5	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ	05-330502 ಆಡಿಯಲ್ಲಿ
6	ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ	ವಲಯ ಆಯುಕ್ತರು, ಯಲಹಂಕ ವಲಯರವರಿಂದ ಪಡೆಯಲಾಗಿರುತ್ತದೆ
7	ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಮೊತ್ತ	ರೂ.50.00 ಲಕ್ಷಗಳು
8	ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಸಂಖ್ಯೆ	ಸಂಖ್ಯೆ:ಬೃಬೆಂ.ಮ.ಪಾ/ಮು.ಅ/ಯವ/ತಾ.ಮಂ/ 2024-25 ದಿನಾಂಕ: ರಂತೆ
9	ಟೆಂಡರ್‌ಗೆ ಇಟ್ಟ ಮೊತ್ತ	ರೂ. 42.36 ಲಕ್ಷಗಳು
10	ಅನ್ ಲೈನ್ Karnataka Public procurement portal ಮುಖಾಂತರ ಟೆಂಡರ್ ಸಲ್ಲಿಸಲು ಕೊನೆಯ ದಿನಾಂಕ	24-03-2025 upto 16.00 hrs
11	ಅನ್ ಲೈನ್ Karnataka Public procurement portal ಮುಖಾಂತರ ಟೆಂಡರ್ ತೆರೆಯುವ ದಿನಾಂಕ	25-03-2025 after 16.00 hrs

(13)

(14) ಮೇಲ್ಕಂಡ ಟೆಂಡರ್ ಪ್ರಕಟಣೆಗೆ ಸಂಬಂದಿಸಿದಂತೆ ದಿನಾಂಕ:25-03-2025 ರಂದು ಟೆಂಡರ್‌ಅನ್ನು ತೆರೆಯಲಾಗಿದ್ದು, ಸದರಿ ಟೆಂಡರ್‌ನಲ್ಲಿ ಇಬ್ಬರು ಗುತ್ತಿಗೆದಾರರು ಭಾಗವಹಿಸಿದ್ದು, ಗುತ್ತಿಗೆದಾರರ ವಿವರಗಳು ಈ ಕೆಳಕಂಡಂತಿರುತ್ತದೆ.

1. Sri.RAVICHANDRA P
2. Sri. R RANGANATH

(15) ಮೇಲ್ಕಂಡ ಗುತ್ತಿಗೆದಾರರು Karnataka Public procurement portalನಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದು, 1) Sri.RAVICHANDRA P AND 2)Sri. R RANGANATH ರವರ ದಾಖಲಾತಿಗಳನ್ನು ಪರಿಶೀಲಿಸಲಾಗಿ ಗುತ್ತಿಗೆದಾರರು ಕಾಮಗಾರಿ ದೃಢೀಕರಣ ಪತ್ರ, ಬ್ಯಾಂಕ್ ಗ್ಯಾರಂಟಿ, ಟರ್ನ್‌ಓವರ್ ಸರ್ಟಿಫೀಕೇಟ್ ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕವಾಗಿರುವ ಎಲ್ಲಾ ದಾಖಲಾತಿಗಳನ್ನು ಸಂಬಂಧಪಟ್ಟ ಕಛೇರಿಗಳಿಂದ ದೃಢೀಕರಿಸಿಕೊಳ್ಳಲಾಗಿದೆ. 'KW- Standard Tender Document ಅನುಸಾರ ನಿಗದಿಪಡಿಸಿರುವ ಎಲ್ಲಾ ಷರತ್ತುಗಳಂತೆ ತಾಂತ್ರಿಕ ಮೌಲ್ಯ ಮಾಪನದಲ್ಲಿ ಅರ್ಹತೆ ಹೊಂದಿರುತ್ತಾರೆ. ತಾಂತ್ರಿಕ ಮೌಲ್ಯಮಾಪನದ ವಿವರಗಳು ಮತ್ತು ತುಲನಾತ್ಮಕ ಪಟ್ಟಿಯನ್ನು ಕಡತದಲ್ಲಿ ಲಗತ್ತಿಸಿದೆ.

ಮೇಲಿನ ವಿವರಗಳನ್ನು ತಮ್ಮ ಅವಗಾಹನೆಗೆ ತರುತ್ತಾ ಸದರಿ ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಭಾಗವಹಿಸಿ ತಾಂತ್ರಿಕ ಮೌಲ್ಯಮಾಪನದಲ್ಲಿ ಅರ್ಹತೆ ಹೊಂದಿರುವ ಬಿಡ್‌ದಾರರಾದ 1) Sri.RAVICHANDRA P AND 2) Sri. R RANGANATH ರವರ ತಾಂತ್ರಿಕ ಬಿಡ್‌ನ್ನು ಅನುಮೋದಿಸಲು ಕೋರಿ ಕಡತವನ್ನು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶಕ್ಕಾಗಿ ಮಂಡಿಸಿದೆ.

27/03/2025

ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರು
Brihat Bangalore Mahanagara Palike
Yelahanka, Division

ಬೃಹತ್ ಬೆಂಗ

ವಿಷಯ : Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward No-01

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಮುಖ್ಯ ಅಭಿಯಂತ
(16)	

(17)

ವಿಷಯ Resurfacing of roads at muniswamy layout, kondappa Garden, Hoodi and cross roads in ward No-01 ಕಡತದ ಸಂಖ್ಯೆ

ನಿರ್ಣಯ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

(16) ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯಲಹಂಕ ವಲಯ)

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

(17) ಕಾ.ಪಾ.ಅ[ಯ.ವಿ]

ಯಲಹಂಕ ವಿಭಾಗದ ವ್ಯಾಪ್ತಿಯ ಸಂಖ್ಯೆ:01ರಲ್ಲಿ 2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶೀರ್ಷಿಕೆ:05-330502 ಅನುದಾನದಡಿಯಲ್ಲಿ ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಂಡು ನಿರ್ವಹಿಸಲು ಒಟ್ಟು ಅಂದಾಜು ಮೊತ್ತ ರೂ.50.00 ಲಕ್ಷಗಳಿಗೆ ದಿನಾಂಕ:10-03-2025 ರಂದು ದ್ವಿ-ಲಕೋಟೆ ಪದ್ಧತಿಯಲ್ಲಿ Karnataka Public procurement portal ಮುಖಾಂತರ ಟೆಂಡರ್ ಕರೆಯಲಾಗಿರುತ್ತದೆ.

(18) ಸದರಿ ಟೆಂಡರ್‌ನಲ್ಲಿ ಇಬ್ಬರು ಗುತ್ತಿಗೆದಾರರಾದ 1) Sri.RAVICHANDRA P AND 2)Sri. R RANGANATH ರವರು ಭಾಗವಹಿಸಿ ಟೆಂಡರ್‌ನಲ್ಲಿ ನಿಗಧಿಪಡಿಸಿದ ಷರತ್ತುಗಳಂತೆ ಅರ್ಹ ದಾಖಲಾತಿಗಳನ್ನು ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಸದರಿ ಗುತ್ತಿಗೆದಾರರು ತಾಂತ್ರಿಕವಾಗಿ ಅರ್ಹತೆ ಹೊಂದಿರುವುದರಿಂದ ಸದರಿಯವರ ತಾಂತ್ರಿಕ ಬಿಡ್‌ಅನ್ನು ಅನುಮೋದಿಸಿ ಆರ್ಥಿಕ ಬಿಡ್‌ಅನ್ನು ತೆರೆಯಲು ಮುಖ್ಯ ಅಭಿಯಂತರರು ಯಲಹಂಕ ವಲಯರವರು ಕಂಡಿಕೆ( )ರಲ್ಲಿ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಅದರಂತೆ ತಾಂತ್ರಿಕವಾಗಿ ಅರ್ಹರಾಗಿರುವ ಬಿಡ್ದುದಾರರ ಆರ್ಥಿಕ ಬಿಡ್‌ಅನ್ನು ತೆರೆಯಲಾಗಿದ್ದು,

ವಿವರ ಈ ಕೆಳಕಂಡಂತಿರುತ್ತದೆ.

ಕ್ರ. ಸಂ	ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು	ಟೆಂಡರ್ ಗಿಟ್ಟು ಮೊತ್ತ 2023-24ನೇ ಸಾಲಿನ ಅನುಮೋದಿತ ದರಗಳಿಗೆ ಹೊಲಿಸಿದಾಗ.	ಗುತ್ತಿಗೆದಾರರು ನಮೂದಿಸಿರುವ ದರಗಳು	2023-24ನೇ ಸಾಲಿನ ಧರಗಳಿಗೆ ಹೋಲಿಸಿದಾಗ ಶೇಕಡವಾರು	ಷರಾ
01	RAVICHANDRA P	4236339.29	4363443.03	(+)3.00% ಹೆಚ್ಚು	
02	R RANGANATH		4397275.54	(+)3.80% ಹೆಚ್ಚು	

(19) ಮೇಲ್ಕಂಡ ಗುತ್ತಿಗೆದಾರರು ಸಲ್ಲಿಸಿರುವ ಆರ್ಥಿಕ ಬಿಡ್‌ಅನ್ನು ಪರಿಶೀಲಿಸಿ SRI RAVICHANDRA P ರವರು ನಮೂದಿಸಿರುವ ರೂ. 43,63,443.03ಗಳು ಅತಿ ಕಡಿಮೆ ದರಗಳಾಗಿರುತ್ತದೆ.

ಪು.ತಿ.ನೋ

ವಿಷಯ : layout, Kondappa Garden ರಸ್ತೆಯ ಸಂಖ್ಯೆ ..... - 06 -
main and Cross roads ಗಳ ಕಡತದ ಸಂಖ್ಯೆ .....
WORK NO-07

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಟಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು
(20)	ಆದುದರಿಂದ ಗುತ್ತಿಗೆದಾರರಾದ SRI RAVICHANDRA P ರವರು ನಮೂದಿಸಿರುವ ರೂ.43,63,443.03ಗಳು ಅತಿ ಕಡಿಮೆ ದರಗಳಾಗಿದ್ದು, ಅನುಮೋದಿತ ಅಂದಾಜು ಪಟ್ಟಿಯ 2023-24ನೇ ಸಾಲಿನ ದರಗಳ ದರಪಟ್ಟಿಗೆ ಹೋಲಿಸಿದಾಗ ಶೇಕಡ (+)3.00% ರಷ್ಟು ಹೆಚ್ಚಾಗಿರುತ್ತದೆ. ಆದುದರಿಂದ ಸದರಿ ಟೆಂಡರ್‌ನಲ್ಲಿ ಅರ್ಹ ಗುತ್ತಿಗೆದಾರರಾದ SRI RAVICHANDRA P ರವರು ನಮೂದಿಸಿರುವ ದರ ರೂ.43,63,443.03ಗಳಿಗೆ ಅನುಮೋದನೆ ನೀಡಲು ಕೋರಿ ಕಡತವನ್ನು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶಕ್ಕಾಗಿ ಮಂಡಿಸಿದೆ.
(21)	ಮುಖ್ಯ ಅಭಿಯಂತರರ ಕಛೇರಿ 548 29 MAR 2025 ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯಲಹಂಕ ವಲಯ), ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಯಲಹಂಕ ವಲಯ 29/03/2025 Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka, Division
(22)	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಯಲಹಂಕ ವಿಭಾಗರವರ ವರದಿಯನ್ನು ತಮ್ಮ ಅವಗಾಹನೆಗೆ ತರುತ್ತಾ, ತಾಂತ್ರಿಕ ಬಿಡ್‌ನಲ್ಲಿ ಅರ್ಹರಾದ ಇಬ್ಬರು ಬಿಡ್‌ದಾರರ ಆರ್ಥಿಕ ಬಿಡ್‌ನ್ನು ದಿನಾಂಕ:10-03-2025ರಂದು ತೆರೆಯಲಾಗಿದ್ದು ಅತಿ ಕಡಿಮೆ ದರ ನಮೂದಿಸಿರುವ ಎಲ್-1 ಬಿಡ್‌ದಾರರಾದ ಶ್ರೀ.ರವೀಂದ್ರ.ಪಿ.ರವರ ದರ ರೂ.43,63,443.03ಗಳಾಗಿದ್ದು, ಟೆಂಡರ್‌ಗಿಟ್ಟ ಮೊತ್ತಕ್ಕೆ ತುಲನೆ ಮಾಡಿದಾಗ ಶೇಕಡ(+)3.00%ರಷ್ಟು ಹೆಚ್ಚು ದರಗಳಾಗಿರುತ್ತದೆ. ಮಾನ್ಯ ಮುಖ್ಯ ಅಯುಕ್ತರ ಕಛೇರಿ ಆದೇಶ ಸಂಖ್ಯೆ:ಬಿ12(1)ಪಿಆರ್/394/2023-24 ದಿನಾಂಕ:06-12-2023ರಂತೆ ಟೆಂಡರ್ ಅನುಮೋದನೆಗೆ ಮಾನ್ಯ ವಲಯ ಆಯುಕ್ತರು, ಯಲಹಂಕ ವಲಯ ರವರಿಗೆ ಸಲ್ಲಿಸಲು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶಕ್ಕೆ ಸಲ್ಲಿಸಿದೆ. ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
(23)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯ.ವ) ಕಂಡಿಕೆ(18)ರಿಂದ(22)ರವರೆಗಿನ ವರದಿಯಂತೆ ಎಲ್-1 ಬಿಡ್‌ದಾರರಾದ ಶ್ರೀ.ರವೀಂದ್ರ.ಪಿ ರವರು ನಮೂದಿಸಿರುವ ದರ ಮೊತ್ತ ರೂ.43,63,443.03ಗಳು ಟೆಂಡರ್‌ಗಿಟ್ಟ ಮೊತ್ತಕ್ಕೆ ತುಲನೆ ಮಾಡಿದಾಗ ಶೇಕಡ(+)3.00%ರಷ್ಟು ಹೆಚ್ಚು ದರಗಳಿಗೆ ಟೆಂಡರ್ ಅನುಮೋದನೆ ಕೋರಿ ಮಂಡಿಸಿದೆ. ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯ.ವ) ಮುಖ್ಯ ಅಭಿಯಂತರರು ಯಲಹಂಕ ವಲಯ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಮಾನ್ಯ ವಲಯ ಆಯುಕ್ತರು ಅನುಮೋದಿಸಿದೆ ವಲಯ ಆಯುಕ್ತರು ಯಲಹಂಕ ವಲಯ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಬ್ಯಾಡರಾಯನಪುರ, ಬೆಂಗಳೂರು-92. EE, Yelahanka

ವಿಷಯ .....

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	
	2024-25ನೇ ಮಂಜೂರಾ Munithim Kempeg ಕೋರಿ ಮ ಪಾಲಿಕೆ ಆಯುಕ್ SRI.R Rs.4 ಶೇಕ St
20	

ಟಿಪ್ಪಣಿ ಹಾಳೆ

ವಿಷಯ ..... ಪುಟದ ಸಂಖ್ಯೆ .....07.....

ಕಡತದ ಸಂಖ್ಯೆ .....

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

2024-25ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶೀರ್ಷಿಕೆ:05-330502ರ ಅನುದಾನದಲ್ಲಿ ಮಂಜೂರಾಗಿರುವ ಕಾಮಗಾರಿಯಾದ "Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01" ಎಂಬ ಕಾಮಗಾರಿಗೆ ಟೆಂಡರ್ ಅನುಮೋದನೆ ಕೋರಿ ವಲಯ ಆಯುಕ್ತರು (ಯಲಹಂಕ ವಲಯ), ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ರವರಿಗೆ ಕಂಡಿಕೆ( ) ರಲ್ಲಿ ಪ್ರಸ್ತಾವನೆ ಸಲ್ಲಿಸಲಾಗಿತ್ತು. ಅದರಂತೆ ವಲಯ ಆಯುಕ್ತರು, (ಯಲಹಂಕ ವಲಯ) ರವರು ಗುತ್ತಿಗೆದಾರರಾದ SRI.RAVICHANDRA.P ರವರ ಟೆಂಡರ್ ಅನುಮೋದನೆಯ ಮೊತ್ತವಾದ Rs.43,63,443/- **ಗಳಿಗೆ** ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಅದರಂತೆ ಸದರಿ ಮೊತ್ತಕ್ಕೆ ಶೇಕಡ 5% ರಷ್ಟು ಎಫ್.ಎಸ್.ಡಿ (Performance security) ಹಾಗೂ ರೂ.2500/-ಗಳ Stamp Paper ನೀಡುವಂತೆ Letter of Acceptence ತಯಾರಿಸಿ ಸಹಿ ಮಾಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ವಿಭಾಗ

ಕಂಡಿಕೆ ಮುಂದುವರೆದಂತೆ ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ: FD 20 CSL 2022 Dated: 15-07-2022 and ಸಂಖ್ಯೆ:ಅಇ 447 ವೆಚ್ಚ-12/2022 ದಿನಾಂಕ: 30-07-2022 ರಂತೆ ಟೆಂಡರ್ ಮೊತ್ತಕ್ಕೆ ಶೇಕಡ +18% GST Charges Amount Rs.7,85,420/-ಗಳನ್ನು ಸೇರಿಸಿ ಒಟ್ಟು ಮೊತ್ತ Rs.51,48,863/- ಗಳಾಗಿದ್ದು ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ಅಇ876(P-1)ವೆಚ್ಚ-12-17 ದಿನಾಂಕ:12-10-2017 ಆದೇಶದಂತೆ ಕೆಟಿಪಿಪಿ ಕಾಯ್ದೆ 2000ರ ನಿಯಮ 27ಎ ರಡಿ ಪರಿಶಿಷ್ಟ ಜಾತಿ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡದವರಿಗೆ ಭದ್ರತಾ ಠೇವಣಿ ಮೊತ್ತವನ್ನು ಕಾಮಗಾರಿಯ ಬಿಲ್ಲು ಪಾವತಿಸುವ ಸಮಯದಲ್ಲಿ ಕಟಾವು ಮಾಡಲು ಆದೇಶಿಸಿರುತ್ತಾರೆ. ಅದರಂತೆ ಗುತ್ತಿಗೆದಾರರಾದ SRI.RAVICHANDRA.P ರವರೊಂದಿಗೆ ಕರಾರು ಒಡಂಬಡಿಕೆ ಮಾಡಿಕೊಂಡು ಅನ್‌ಲೈನ್ ಮೂಲಕ ಕಾರ್ಯಾದೇಶ (Work Order) ನೀಡಲಾಗಿದೆ.

20/05/25

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ವಿಭಾಗ

ಎಸ್.ಬಿ.ಆರ್. ಸಂಖ್ಯೆ: 019
ದಿನಾಂಕ: 28-7-25

ವಿಷಯ .....

ಪುಟದ ಸಂಖ್ಯೆ 08

ಕಡತದ ಸಂಖ್ಯೆ .....

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

YNK-DBR No.....
Date.....

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ವಿಭಾಗ ರವರಿಗೆ ಮಂಡಿಸಿದೆ.

ವಿಷಯ:– Resurfacing of roads at Munithimaiah layout Kondappa Garden main and cross roads in Kempegowda ward no:01

ಉಲ್ಲೇಖ:– BBMP/EE/YNK.D/EPMT-16/W.O/17/2025-26, dt:26-5-2025

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಹಾಗೂ ಉಲ್ಲೇಖ (1) ರಂತೆ ಕಾಮಗಾರಿ ಆದೇಶವನ್ನು **Sri.Ravichandra.P** ಗುತ್ತಿಗೆದಾರರಿಗೆ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ವಿಭಾಗ ರವರು ನೀಡಿರುತ್ತಾರೆ. ಗುತ್ತಿಗೆದಾರರು ಕಾಮಗಾರಿಯನ್ನು (28) ಸಮರ್ಪಕವಾಗಿ ನಿರ್ವಹಿಸಿದ್ದು, ಕಾಮಗಾರಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ **1st and Final Bill** ಬಿಲ್ಲನ್ನು Rs:43,58,630.38 ಗಳಿಗೆ ತಯಾರಿಸಿ ಅಳತೆಗಳನ್ನು ಅಳತೆ ಪುಸ್ತಕ ಸಂಖ್ಯೆ: 4962 ಪುಟ ಸಂಖ್ಯೆ: 49619೦ ರಿಂದ 49619೪ ರಲ್ಲಿ ನಮೂದಿಸಿ ಬಿಲ್ ಪಾವತಿಗಾಗಿ ಕಡತವನ್ನು ಸಲ್ಲಿಸಿದೆ.

(29) ಸ.ಕಾ.ಅ)/(ಖ.ಇ.ಎ)

ಕಂಡಿಕೆ (1) ರಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಗುತ್ತಿಗೆದಾರರಾದ **Sri.Ravichandra.P** ಗುತ್ತಿಗೆದಾರರಿಗೆ ಮೇಲಿನ ಕೆಲಸವನ್ನು ಸಮರ್ಪಕವಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿರುತ್ತಾರೆ. ಆದ್ದರಿಂದ ಗುತ್ತಿಗೆದಾರರಿಗೆ **1st and Final Bill** ಬಿಲ್ಲನ್ನು ತಯಾರಿಸಿ ರೂ. 43,58,630-38/- ಗಳನ್ನು ಪಾವತಿಸಲು ಕಡತವನ್ನು ತಮ್ಮ ಮುಂದಿನ ಆದೇಶಕ್ಕೆ ಮಂಡಿಸಿದೆ.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)

Executive Engineer (YNK)

ಪು.ತಿ.ನೋ

ಕಂಡಿಕೆ ಸಂಖ್ಯೆ	ಪುಟದ ಸಂಖ್ಯೆ 09 ಕಡತದ ಸಂಖ್ಯೆ ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು

(31) ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಗುತ್ತಿಗೆದಾರರಾದ ಶ್ರೀನಿವಾಸ ಎಸ್ ರವರು ನಿರ್ವಹಿಸಿ ಪೂರೈಸಿದ್ದು, ಕಾಮಗಾರಿಯ 1st & Final ಬಿಲ್ಲಿನ ಅಳತೆಗಳನ್ನು ಅಳತೆ ಪುಸ್ತಕ ಸಂಖ್ಯೆ 4962 ಪುಟ ಸಂಖ್ಯೆ 49&190 ರಿಂದ 49&194 ರಲ್ಲಿ ದಾಖಲಿಸಿ ಸಹಾಯಕ ಅಭಿಯಂತರರು, ಬಾರ್ 001 ಮತ್ತು ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಯಲಹಂಕ ಉಪವಿಭಾಗ / ~~ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ~~ ರವರು ಪಾವತಿಗಾಗಿ ಶಿಫಾರಸ್ಸು ಮಾಡಿರುತ್ತಾರೆ.

(32) ಕೆ.ಎಫ್.ಸಿ ಕಾಯ್ದೆ ಪ್ರಕಾರ ಲೆಕ್ಕ ಪರಿಶೋಧನೆ ಮಾಡಿದ್ದು, ಬಿಲ್ಲಿನ ಒಟ್ಟು ಮೊತ್ತ ರೂ. 5,14,31,810=00 ಗಳಿದ್ದು, ಇದರಲ್ಲಿ ಶಾಸನ ಬದ್ಧ ಕಡಿತಗಳ ಮೊತ್ತ ರೂ: 24,06,110=00 ಗಳನ್ನು ಕಡಿತಮಾಡಿ ಉಳಿಕೆ ನಿವ್ವಳ ಮೊತ್ತ ರೂ. 4,90,25,700=00 ಗಳನ್ನು ಗುತ್ತಿಗೆದಾರರಿಗೆ ಪಾವತಿಸಲು ಬಿಲ್ಲಿನ ವಿವರಗಳನ್ನು IFMS ತಂತ್ರಾಂಶದಲ್ಲಿ ಬಿ.ಆರ್.ದಾಖಲಿಸಿ ಕೇಂದ್ರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ಆದೇಶಕ್ಕಾಗಿ ಮಂಡಿಸಿದೆ. 29/03/25

(33) 29/03/25

Executive Engineer

Bruhath Bengaluru Mahanagara Palike.

Yalahanka Sub Division, Bangalore-560064

Completion Report

Work Record No

Name of work:-	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01				
1) Sanctioned Estimate No. and Date :	CER 169 | 07-03-25				
2) Name of Contractor	Sri.Ravichandra.P				
3) Time stipulated for completion of work	90 days.				
4) Date of Commencement of Work	26|05|2025				
5) Date of Completion of Work	18|07|2025				
M B No	4962				
Page No	496190 to 496194				
6) Name of the officer official incharge of the work	———				
1) Asst. Exe. Engineer	Sri. Raghunandan Murthi.				
2) Asst. Engineer	G.PRAKASH				
Estimate Amount / Tender	Amount claimed asper actuals	Excess	Savings	Remarks	
50 lakhs.		—	—	—	

1 **Certified that the above work has been completed with in the stipulated time Sinoted in entrustment**

2 **Certified that above work has been executed satisfactorily**

AE, Ward No : 01

Asst.Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore

Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು.

ಚೆಕ್ ಲಿಸ್ಟ್

ಸಂ.	ವಿವರಗಳು	
1	ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
2	ಅಂದಾಜು ಮೊತ್ತ ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs
3	ಪರಿಷ್ಕೃತ ಟೆಂಡರ್ ಮೊತ್ತ	NA
4	ಕಾಮಗಾರಿ ಆಯವ್ಯಯದಲ್ಲಿ ಸೇರ್ಪಡೆಯಾಗಿದೆಯೇ?	NA
5	ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಸಂಖ್ಯೆ	T.S/169/24-25 dt.03/03/25
6	ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಸಂಖ್ಯೆ	A.A/53/24-25 dt.03/03/25
7	ಈ ಕಾಮಗಾರಿಯ ಈ ಹಿಂದಿನ ಕೌನ್ಸಿಲ್ ಅನುಮೋದನೆ ಗೊಂಡಿರುವ ದೃಢೀಕರಣ ಪತ್ರದ ನಕಲು	NA
8	ಕಾಮಗಾರಿಯು ಪಾರದರ್ಶಕ ನಿಯಮ 2000 ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಆದೇಶ ಸುತ್ತೋಲೆಯಂತೆ ನಿರ್ವಹಿಸಲಾಗಿದೆಯ?	ಹೌದು
9	ಕಾಮಗಾರಿಯನ್ನು ಕಾರ್ಯಗತ ಮಾಡಿರುವ ವಿಧಾನ	ಹೊಂದೆ
10	ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು	Sri.Ravichandra.P
11	ಕಾಮಗಾರಿಯಬಿಲ್ಲಿನ ಮೊತ್ತ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಹಾಗೂ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ಮೊತ್ತದ ಮಿತಿಯಲ್ಲಿ ಇದೆಯೇ?	ಹೌದು .

ಸಹಾಯಕ ಅಭಿಯಂತರರು,

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-560064.

Assistant Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಕಛೇರಿ ಪರಿಶೀಲನೆ

ಕಾಮಗಾರಿಯ ಬಿಲ್ಲನ್ನು ಪರಿಶೀಲಿಸಿರುತ್ತೆ. ಇದರ ಮೊತ್ತ ರೂ 5/43183=00 ಗಳು

ಗುತ್ತಿಗೆದಾರರಾದ ರವಿಚಂದ್ರ.P. ರವರಿಗೆ ಪಾವತಿ ಮಾಡಲು ಲೆಕ್ಕ ಶಾಖೆಗೆ

ಕಡತವನ್ನು ರವಾನಿಸಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು.

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಯಲಹಂಕ ವಿಭಾಗ

ದಿನಾಂಕ: 29.7.25

"ಪ್ರಮಾಣ ಪತ್ರ"

ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
ಜಾಬ್ ಕೋಡ್ ಸಂಖ್ಯೆ	001-25-000023
ಕರಾರು ಒಪ್ಪಂದದ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	EE/YNK/KPPP-16/AG/10/2025-26, dt:26/05/2025
ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	BBMP/EE/YNK.D/KPPP-16/W.O/17/2025-26, dt:26/05/2025
ಕಾಮಗಾರಿಯ ಒಟ್ಟು ಅಂದಾಜು ಮೊತ್ತ ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs

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ಮೇಲ್ಕಂಡ ಕಾಮಗಾರಿಯು ಲೋಕಾಯುಕ್ತ/ಸಿ.ಓ.ಡಿ/ಎ.ಸಿ.ಬಿ/ಪಾಲಿಕೆ ಅಥವಾ ಮತ್ಯಾವುದೇ ತನಿಖಾ ಸಂಸ್ಥೆಯ ತನಿಖೆಗೆ ಒಳಪಟ್ಟಿರುವ ಬಗ್ಗೆ ಈ ಕಛೇರಿಗೆ ಈ ದಿನದವರೆಗೂ ಯಾವುದೇ ಮಾಹಿತಿ ಸ್ವೀಕೃತವಾಗಿರುವುದಿಲ್ಲವೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸಲಾಗಿದೆ. ಹಾಗೂ ಸದರಿ ಕಾಮಗಾರಿಯ ಜಾಬ್‌ಕೋಡ್ 001-25-000023 ಅಂದಾಜು ಮೊತ್ತ ರೂ. 50.00 ಲಕ್ಷಗಳಾಗಿದ್ದು, ಸದರಿ ಕಾಮಗಾರಿಯ _____ ಬಿಲ್ಲಿನ ಮೊತ್ತ ರೂ. 43,58,630. ಗಳನ್ನು ಪಾವತಿಸಲು ಆನ್‌ಲೈನ್ ಮೂಲಕ ಸಲ್ಲಿಸಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ 01

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-560064
Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-64
Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಯಲಹಂಕ ವಿಭಾಗ

ದಿನಾಂಕ:29/07/2025

"ದೃಢೀಕರಣ ಪತ್ರ"

ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
ಜಾಬ್ ಕೋಡ್ ಸಂಖ್ಯೆ	001-25-000023
ಕರಾರು ಒಪ್ಪಂದ ಪತ್ರದ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	EE/YNK/KPPP-16/AG/10/2025-26, dt:26/05/2025
ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	BBMP/EE/YNK.D/KPPP-16/W.O/17/2025-26, dt:26/05/2025
ಕಾಮಗಾರಿ ಒಟ್ಟು ಅಂದಾಜು ಮೊತ್ತ ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs
ಪಿ-ಕೋಡ್	5,43,183=00

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಕಾಮಗಾರಿಯ ಗುಣಮಟ್ಟವನ್ನು ದೃಢೀಕರಿಸುವ ಸಂಬಂಧ ಮಾನ್ಯ ಮುಖ್ಯ ಆಯುಕ್ತರು ರವರ ಕಛೇರಿ ಆದೇಶದ ಸಂಖ್ಯೆ:ಮು.ಆ/ಬಿ.ಬಿ.ಎಂ.ಪಿ/ಪಿ.ಆರ್/ ಜಿ/2383/2022-23, ದಿನಾಂಕ14-9-2022 ರಲ್ಲಿ ರೂ. 50 ಲಕ್ಷಗಳವರೆಗಿನ ಕಾಮಗಾರಿಗಳ ಗುಣಭರವಸೆಗೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ವಿಭಾಗೀಯ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಸಂಪೂರ್ಣವಾಗಿ ಜವಾಬ್ದಾರರಾಗಿರುತ್ತಾರೆ ಎಂದು ಆದೇಶಿಸಿರುವ ಹಿನ್ನಲೆಯಲ್ಲಿ ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗದಿಂದ ಪರಿಶೀಲನೆಗೆ ಒಳಪಡಿಸಿರುವುದಿಲ್ಲ. ಆದರೆ ಸದರಿ ಕಾಮಗಾರಿಯ ಗುಣಮಟ್ಟವನ್ನು ಎನ್.ಎ.ಬಿ.ಎಲ್. ಯಿಂದ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯವಾದ TEAM FOR YOU. ಇವರು ಗುಣಮಟ್ಟ ಪರೀಕ್ಷೆ ಮಾಡಿ ಗುಣ ಮಟ್ಟವನ್ನು ಪಾತ್ರಿಪಡಿಸಿರುವುದರಿಂದ ಗುಣಭರವಸೆ ವಿಭಾಗದ ವತಿಯಿಂದ ಗುಣಮಟ್ಟದ ಬಗ್ಗೆ ಅಭಿಪ್ರಾಯ ಪಡೆದಿಲ್ಲದಿರುವುದಾಗಿ ದೃಢೀಕರಿಸಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ:01

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
Yelahanka Division
BBMP (Ward No. 1 to 7)
ಬಿಬಿಎಂಪಿ (ವಾರ್ಡ್ ನಂ. 1 ರಿಂದ 7)
Yelahanka, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ಯಲಹಂಕ ವಿಭಾಗ-64
Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಯಲಹಂಕ ವಿಭಾಗ

ದಿನಾಂಕ: 29/07/2025

"ದೃಢೀಕರಣ ಪತ್ರ"

ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
ಜಾಬ್ ಕೋಡ್ ಸಂಖ್ಯೆ	001-25-000023
ಪಿ-ಕೋಡ್	P. 3863
ಕರಾರು ಒಪ್ಪಂದ ಪತ್ರದ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	EE/YNK/KPPP-16/AG/10/2025-26, dt:26/05/2025
ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	BBMP/EE/YNK.D/KPPP-16/W.O/17/2025-26, dt:26/05/2025
ಅಂದಾಜು ಮೊತ್ತ ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs
ಬಿಲ್ಲಿನ ಮೊತ್ತ ರೂ /- (ಭಾಗಶಃ / ಅಂತಿಮ ಬಿಲ್ಲು)	51,43,183.00

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ಮೇಲ್ಕಂಡಂತೆ ವಿವರಿಸಿರುವ ಕಾಮಗಾರಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸದರಿ ಕಾಮಗಾರಿಯು ಯಾವುದೇ ರೀತಿಯಲ್ಲಿ Overlap ಆಗಿರುವುದಾಗಲೀ ಅಥವಾ Duplication ಆಗಿರುವುದಾಗಲೀ ಆಗಿರುವುದಿಲ್ಲ, ಸದರಿ ಕಾಮಗಾರಿಯು ಇತರೆ ಯಾವುದೇ ಕಾಮಗಾರಿಯ DLP (Defect liability period) ಅವಧಿಯಲ್ಲಿ ಇಲ್ಲದಿರುವುದಾಗಿ ಹಾಗೂ ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಬೇರೊಂದು ಕಾಮಗಾರಿ ಅಡಿಯಲ್ಲಿ ಅಥವಾ ಇತರೆ ಯಾವುದೇ ಅನುದಾನದಡಿಯಲ್ಲಿ ಕೈಗೊಳ್ಳಲು ಉದ್ದೇಶಿಸಿ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಂಡಿರುವುದಿಲ್ಲದಿರುವುದಾಗಿ ದೃಢೀಕರಿಸುತ್ತಾ, ಪ್ರಸ್ತುತ ಪಾವತಿಗೆ ಸಲ್ಲಿಸುತ್ತಿರುವ ಕಾಮಗಾರಿಯನ್ನು ಇದೇ ಕಾಮಗಾರಿ ಅಡಿಯಲ್ಲಿ, ಅಂದಾಜು ಪಟ್ಟಿಯಡಿಯಲ್ಲಿ ಹಾಗೂ ಇದೇ ಅನುದಾನದಡಿಯಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವುದಾಗಿ ಈ ಮೂಲಕ ದೃಢೀಕರಿಸಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ:01

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ (ಬೆಂಗಳೂರು-560064)

Asst. Executive Engineer
Yelahanka Sub Division (BBMP/Ynk. Zn)
Yelahanka, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ವಿಭಾಗ, ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-64

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಯಲಹಂಕ ವಿಭಾಗ

ದಿನಾಂಕ: 29/09/2025

"ದೃಢೀಕರಣ ಪತ್ರ"

ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
ಜಾಬ್ ಕೋಡ್ ಸಂಖ್ಯೆ	001–25–000023
ಕರಾರು ಒಪ್ಪಂದ ಪತ್ರದ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	EE/YNK/KPPP-16/AG/10/2025-26, dt:26/05/2025
ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	BBMP/EE/YNK.D/KPPP-16/W.O/17/2025-26, dt:26/05/2025
ಅಂದಾಜು ಮೊತ್ತ ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs
ಬಿಲ್ಲಿನ ಮೊತ್ತ	5143183.00

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ಮೇಲ್ಕಂಡ ನಾಮಾಂಕಿತದ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವ ಸಂಬಂಧ ಅಂದಾಜು ಪಟ್ಟಿ ತಯಾರಿಕೆಯಿಂದ ಹಿಡಿದು ಗುಣಮಟ್ಟದ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವ ಸಂಬಂಧದ ಎಲ್ಲಾ ಹಂತದ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ನಿಯಮಾನುಸಾರ ಅನುಸರಿಸಿ, ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ನಿಯಮಾನುಸಾರ ಎಲ್ಲಾ ಹಂತದ ಪ್ರಕ್ರಿಯೆಗಳನ್ನು ಅನುಸರಿಸಿ ಅನುಷ್ಠಾನಗೊಳಿಸಲಾಗಿದ್ದು, ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಸಂಬಂಧ ಎಲ್ಲಾ ಅವಶ್ಯ ದಾಖಲಾತಿಗಳ ಜೊತೆಗೆ ಗುಣಮಟ್ಟ ಪ್ರಮಾಣ ಪತ್ರಗಳನ್ನು ದೃಢೀಕರಿಸಿ ಹಾಗೂ ನಿಜಸ್ಥಿತಿಯ ಅಳತೆಗಳನ್ನು ತೆಗೆದು ಇ-ಅಳತೆ ಪುಸ್ತಕದಲ್ಲಿ ದಾಖಲಿಸಿ ಸಂಬಂಧಪಟ್ಟ ಸಹಾಯಕ ಅಭಿಯಂತರರು ಮತ್ತು ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 100% Check Measurement ಹಾಗೂ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 25% Check Measurement ಗಳ ದಾಖಲಾತಿಗಳೊಂದಿಗೆ ಪಶ್ಚಿತ ಕಾಮಗಾರಿಯು ಮೊದಲನೇ ಭಾಗಶಃ/ಎರಡನೇ ಭಾಗಶಃ ಸಂಪೂರ್ಣವಾಗಿ ಪೂರ್ಣಗೊಂಡಿರುವುದಾಗಿ ದೃಢೀಕರಿಸುತ್ತಾ, ಗುಣಮಟ್ಟ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವುದರಿಂದ ಕಾಮಗಾರಿಯ ಹಣ ಪಾವತಿಗೆ ಆನ್‌ಲೈನ್‌ನಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಿದ ಎಲ್ಲಾ ದಾಖಲಾತಿಗಳನ್ನು ದೃಢೀಕರಿಸಿ ಅಪ್‌ಲೋಡ್ ಮಾಡುತ್ತಾ, ಸದರಿ ಕಾಮಗಾರಿಗೆ ಹಣ ಪಾವತಿ ಮಾಡಬಹುದಾಗಿರುತ್ತದೆ ಎಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ-01

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-64

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ.
ಬಿಎಂಪಿ ಬೆಂಗಳೂರು-64

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ ಯಲಹಂಕ ವಿಭಾಗ

ದಿನಾಂಕ: 29/07/2025

"ದೃಢೀಕರಣ ಪತ್ರ"

ಕಾಮಗಾರಿಯ ಹೆಸರು	Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01
ಜಾಬ್ ಕೋಡ್ ಸಂಖ್ಯೆ	001-25-000023
ಪಿ-ಕೋಡ್	P. 3863
ಕರಾರು ಒಪ್ಪಂದ ಪತ್ರದ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	EE/YNK/KPPP-16/AG/10/2025-26, dt:26/05/2025
ಕಾರ್ಯಾದೇಶ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	BBMP/EE/YNK.D/KPPP-16/W.O/17/2025-26, dt:26/05/2025
ಅಂದಾಜು ಮೊತ್ತ ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ	Rs.50.00 lakhs
ಬಿಲ್ಲಿನ ಮೊತ್ತ ರೂ /- (ಭಾಗಶಃ / ಅಂತಿಮ ಬಿಲ್ಲು)	5143143-00

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ಮೇಲ್ಕಂಡ ನಾಮಾಂಕಿತದ ಕಾಮಗಾರಿಯ ಬಿಲ್ಲಿಗೆ ಸಂಬಂಧಿಸಿದ ಧೃಡೀಕೃತ ದಾಖಲೆಗಳನ್ನು **Financial code** ಪ್ರಕಾರ ಪರಿಶೀಲಿಸಿದ್ದು, **Pre-audit** ನಲ್ಲಿ ಯಾವುದೇ ನ್ಯೂನತೆ/ಲೋಪದೋಷಗಳು ಕಂಡು ಬಂದಿಲ್ಲದಿರುವುದು ಹಾಗೂ ಈ ಕಾಮಗಾರಿಯ ಬಿಲ್ಲಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ತಹಲ್‌ವರೆಗೆ ಯಾವುದೇ ರೀತಿಯ **Audit objection** ಸಹ ಇಲ್ಲದಿರುವುದನ್ನು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸಲಾಗಿದೆ.

ಲೆಕ್ಕ ಪರಿಶೋಧಕರು,
ಯಲಹಂಕ ವಿಭಾಗ,
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Resurfacing of roads at Munithimaiah layout Kondappa Gaarden main and cross roads in Kempegowda ward no:01 ನಾಮಾಂಕಿತದ ಕಾಮಗಾರಿಯ ಬಿಲ್ಲಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕೆಳಕಂಡ ಅಂಶಗಳುಳ್ಳ ಮಾಹಿತಿ / ವಿವರಗಳೊಂದಿಗೆ ಎಲ್ಲಾ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಪರಿಶೀಲಿಸಿ ಆನ್ ಲೈನ್ ನಲ್ಲಿ ಅಪ್ ಲೋಡ್ ಮಾಡಲಾಗಿದೆ.

ಕ್ರ.ಸಂ	ಕಡತದಲ್ಲಿ ಪರಿಶೀಲಿಸಬೇಕಿರುವ ದಾಖಲೆಗಳು/ ಮಾಹಿತಿಗಳ ವಿವರ	ಕಡತದಲ್ಲಿನ ದಾಖಲೆಗಳು/ಮಾಹಿತಿಗಳು ಲಭ್ಯವಿರುವ ವಿವರ
1	ಮೂಲ ಜಾಬ್ ಕೋಡ್ ಪ್ರಮಾಣ ಪತ್ರ / Oruginal Jobcode	001-25-000021 (ಲಗತ್ತಿಸಿದೆ)
2	ಬಿಲ್ಲಿನ ಎಲ್ಲಾ ದಾಖಲಾತಿಗಳಲ್ಲಿನ ಕಾಮಗಾರಿಯ ನಾಮಾಂಕಿತವು ಮೂಲ ಜಾಬ್ ಕೋಡ್ ನಾಮಾಂಕಿತದಂತೆ ಇರುವ ಬಗ್ಗೆ / Name of work should tally in all documents as per Original Jobcode	Yes
3	ಅಂದಾಜುಪಟ್ಟಿ (ಅಭಿಯಂತರರ ಸಹಿ ಮತ್ತು ಮೊಹರುಗಳು) / Approved estimate with AS/TS seal	Enclosed.
4	ಅಂದಾಜುಪಟ್ಟಿ ನಕ್ಷೆ /ಅಳತೆ ಪುಸ್ತಕದ ನಕ್ಷೆ ಒಂದೇಯಾಗಿರುವ ಬಗ್ಗೆ / Sketch should be same in both estimate and MB	–
5	ಆಡಳಿತಾತ್ಮಕ ಮೆಮೋ ಪ್ರತಿ ಮತ್ತು ದಿನಾಂಕ / Approved AS Memo and date	
6	ತಾಂತ್ರಿಕ ಮೆಮೋ ಪ್ರತಿ ಮತ್ತು ದಿನಾಂಕ / Approved TS Memo and date	
7	ಡಿಟಿಎಸ್ ಅನುಮೋದನೆ ಪ್ರತಿ / Approved DTS copy	
8	ಟೆಂಡರ್ ನೋಟಿಫೀಕೇಶನ್, ಪ್ರತ್ರಿಕಾ ಪ್ರಕಟಣೆ, ಜಿಲ್ಲ ಬುಲೆಟಿನ್ ಪ್ರತಿಗಳು / Tender Notification , Paper cutting and state or district bulletine copies	
9	ಆನ್ ಲೈನ್ ಟೆಂಡರ್ ಅನುಮೋದನೆ ಪ್ರತಿ / Online Tender approval copy	Annexed.
10	ಎಲ್.ಓ.ಎ ಮತ್ತು ಪಿ.ಎಸ್.ಡಿ / ~~LOA and PSD~~ LOI	
11	ಕರಾರು ಒಪ್ಪಂದದ ಪ್ರತಿ / Agreement Copy	
12	ಕಾರ್ಯಾದೇಶ / Work order	
13	ಷೆಡ್ಯೂಲ್-ಬಿ / Schedule B	
14	ಜಿಯೋ ಟ್ಯಾಗ್ ಛಾಯಾಚಿತ್ರಗಳು / Geo Tag Photos	
15	ಆನ್ ಲೈನ್ ರಸ್ತೆ ವಹಿ / Approved Online Road History	
16	Standard Tender Documents	
17	I. Measurement Book/E-MB Shall have	
	Following:-	
	Name of the work	

	ork order No and date	17/28.05.25
	ate of Pre-measurements / Measurements (RA/Final tc... as the case may be but the dates shuld be After Work order)	✓
	should be After work order Date	✓
	Item Wise Measurement (as per standard recording requirements)	✓
	Check Measurement with date / dates by the concerned AEE / EE as per codal requirements	✓
	Completion certificate as the case may be.	E.E. Approved.
	Sketch recorded in the measurement book (for Items /works executed)- tallies which sketches as per original Sanctioned estimate	✓
	In case of final Bills / Claims, the agency shall accept in writing as per codal Procedure	Yes.
	Divisional accounts officials shall check and verify the arithmetical calculation as required under A code.	Yes
18	I. In case of deviation of the quanities Work slip / EIRL during execution:-	
	For deviation in quantity deviation carried out / executed over and above sanction BOQ	
	Chief Engineer Inspection report	
	Approval of Work Slip (PWG-4S-A code-II)	
	Approval of EIRL (PWG-195, D Code-I)	
	Acceptance letter by agency to carry out additional items	
	Supplementary agreement { (D Code-I) (195 (8) (9) (10) }	NA
19	II Depending on the quantities variations and amount modified / revised estimate with Adminstrative Approval and Technical sanction details as the case	
	may be.	
	Name of the work	
	Work order No and date	
	Date of Measurements Recorded (including Pre-measurements)	
	Check measurement date by AEE	
	Acceptance Signature of Agency	
	SBR No with date	19/28.7.25

R No with date	
Quantity of recorded items in contract certificate shall tally with the measurement book and BOQ	Yes
Statutory deductions as per prevailing norms code.	Yes
IV. Other details:-	
Completion certificates duly certified by the competent authority in case of final bills { (D Code-) 185(d)) {(Form PWG-46- A code-II))	Yes
Penalty in case of delay in completion of works.	NA
E 0 T (Extension of Time) — Accorded if any as per norms.	NA
Price Adjustment (if the clause included in the tender)	NA
Quality Assurance test reports as per MORT & H or other relevant standards. (No of tests reports / results should be on par with the frequency as stipulated in MORT&H or other relevant standards)	Yes .

Account Superintendent,
Yelahanka Divisioin,
BBMP, Bangalore-64

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Bruhat Bangalore Mahanagara Palike

BBMP ENGINEERING DEPARTMENT

Road History Data Sheet

1.General Details

Zone No:Yelahanka **Ward No:1** **Ward Name:Kempegowda Ward**

Street ID: W0340,W0338,W0267 **Street Name:**

Significant Landmark: Papanna Layout Main Road

Segment_No: 1/S-W0263/S14829 **Total_Length: 365.00**

Segment Details

Seg No.	Length(mts)	Start Coordinates	End Coordinates	From Landmark	To Landmark	Work Type	Other Work
3	365	13.1043910071083197711073875429	13.1011307595858577.60750234127046	Papanna Layout Main Road	Papanna Layout Main Road	Asphalting	Asphaltiing

2.Work Details

History of Road / Lane / Circles

Name of the Work:Resurfacting of roads at Munithimmaiah Layout, Kondappa Gardens main and cross roads in Kempegowda ward No:01

Sanctioned Amount: 5000000 **Sanctioned Year: 2025-26** **Year: 2025-26**

Tender: Tender **Work Details: Resurfacting of roads at Munithimmaiah Layout, Kondappa Gardens main and cross roads in Kempegowda ward No:01** **Job No/Work Code:001-25-000023**

Work Order No: BBMP/EE/YNK-D/EPMT-16/WO-17/2025-26 **Work Order Date: 26/05/2025** **Period of Extention: 0**

A.E.E.

afect Liability Period From: 10/07/2025

Defect Liability Period To: 09/07/2027

3.Contractor Details

Zone: Yelahanka

Ward No: 1

Ward Name: Kempegowda Ward

Street ID: W0263

Name of Contractor: RavichandraP

Contractor Reg No (BBMP/PWD): CBSC2CIVIL80662021

4.Field Inspection Details

Category	Image
Resurfacting of roads at Munithimmaiah Layout, Kondappa Gardens main and cross roads in Kempegowda ward No:01	

Remarks

A.E.E.

Sl.No	Stage_No	Designation	Remarks	StageName	Action	Date
1	1	AE	Road Work History Added	Data Uploading	Initated	18-07-25
2	2	AEE	Approved	Review Application	Approved	18-07-25
3	3	EE	Approved	Review Application	Approved	18-07-25
4	4	SE	Forwarded for Approval as Recommended by EE	Review Application	Approved	18-07-25
5	5	CE	As proposed	Final Approval	Approved	18-07-25

A.E.E.

Original/Duplicate/Triplicate

NO : First and Final Bill

Division : **Yelahanka**

No.....Date.....

No.....

Name of Work :-(as per Sanctioned Estimate) :-**Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01**

CONTRACT CERTIFICATE

(For Other Works)

Sub division :Yelahanka

ನ.ಆ.ಪ / ಯಂ.ಉ.ವಿ.
ದಿನಾಂಕ: 20..... 019
ದಿನಾಂಕ: 28-7-25

Cash Book Voucher No.....Dated.....

Head of Account.....

Name of Contractor and full address: **Sri.Ravichandra.P**
 # No.562, Down Bazar Road, Yelahanka, Bangalore-560064

YNK-DBR No.....
Date.....

Job Code No: 001-25-000023 P-3863

Reference to agreement No :- EE/YNK/AG/No/10/25-26

Date:26-05-2025

Certified that the measurments were taken by me on 18/07/2025 and recorded on pages : 496190 to 496194 of measurment book No. 4962 and that the work is satisfactorily executed.

Signature of contractor

Officer in Charge of Work

Certified that the measurments were taken by me on 18/07/2025 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

If Memorandum of Patment

Sub-division office

Assistant Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

	Amount	
1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being..... percent Rs.....		
3) Balance		
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No.....dated.....S.D No.....	S.T – 514383	
..... cash advance recovery of	IT	43586
b) payments.....cost of store or other materials supplied now made recovery of amount creditable to this/other work.	LC	43586
Amount paid on this bill by cheque/cash	CGST	43586
Total	SGST	43586
5). Balance being unpaid value of work done held in reserve	CBT	4359
6) Deduct cash of advance made on divisional/sub divisional cash book vr No.....dated.....last adjustment.	LR	81908
7) Net amount due to or from contractor.	T.D	260611
UN ADJUSTED ITEMS	Net	4882572
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs.....(in words).....

.....

.....by cash cnd by adjustment

at Payment as per memorandum.

(in final settlement of all demand)

Witness

1)

2)

Dated .....

Stamp

signature of contractor

Paid by me cheque No.....Dated:.....

Rs.....

Initials of officer making payment

Audited & Admitted for Rs. 514383:00

(For use in the Office)

4882572:00 by Cheque

and Rs. 260611:00 by Adjustment

Asst. Executive Engineer
yelahanka Division
BBMP
29/07

Exe. Engineer
yelahanka Division
BBMP

Executive Engineer

Sl No	Description of Items	Unit	As Per Schedule-B	Previous Measurement		Present Measurement			Total Up to date		Remarks
			Qty	Qty	Amount	Qty	Rate	Amount	Qty	Amount	
1	Removing and Resetting of Footpath Slab	Sqm	520.56			520.56	242.05	126001.55	520.56	126001.55	
2	Earth work excavation for pipeline trenches in all kinds of soils by mechanical means as per drawing and technical specifications, including setting out, construction of shoring, strutting, barricading, caution lights, bracing, using sight rails & bonding rods at every 100 mm wherever necessary as directed, removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench to the extent required , utilising the available excavated earth locally for the work etc., and all other appurtenances complete in the following strata	Cum	259.97			259.97	371.62	96610.05	259.97	96610.05	
3	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe-500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.	Sqm	130.14			130.14	2134.16	277739.58	130.14	277739.58	
4	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	33.53			33.53	637.88	21388.12	33.53	21388.12	

Sl No	Description of Items	Unit	As Per Schedule-B	Previous Measurement		Present Measurement			Total Up to date		Remarks
			Qty	Qty	Amount	Qty	Rate	Amount	Qty	Amount	
5	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.	Cum	187.50			187.50	107.64	20182.50	187.50	20182.50	
6	Wet Mix Macadam (Plant Mix Method):roviding, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	160.99			160.99	2899.35	466766.36	160.99	466766.36	
7	Prime Coat over WMM/WB:Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg/m2 using mechanical means	Sqm	715.50			715.50	46.45	33234.98	715.50	33234.98	
8	Tack coat on Bituminous surface:Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	3891.20			3891.20	13.60	52920.32	3891.20	52920.32	

Sl No	Description of Items	Unit	As Per Schedule-B	Previous Measurement		Present Measurement			Total Up to date		Remarks
			Qty	Qty	Amount	Qty	Rate	Amount	Qty	Amount	
9	Dense Graded Bituminous Macadam Grading - II for traffic <20 MSA:Providing and laying Dense Graded Bituminous Macadam with 120 TPH capacity HMP batch type using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	47.79			47.33	10705.72	506658.90	47.33	506658.90	
10	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	155.65			155.65	12410.88	1931753.47	155.65	1931753.47	

Sl No	Description of Items	Unit	As Per Schedule-B	Previous Measurement		Present Measurement			Total Up to date		Remarks
			Qty	Qty	Amount	Qty	Rate	Amount	Qty	Amount	
11	Dry lean Cement Concrete. Sub-base:Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing.	Cum	51.53			51.53	5574.36	287246.77	51.53	287246.77	
12	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016:, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	51.53			51.53	7652.28	394321.99	51.53	394321.99	

Sl No	Description of Items	Unit	As Per Schedule-B	Previous Measurement		Present Measurement			Total Up to date		Remarks
			Qty	Qty	Amount	Qty	Rate	Amount	Qty	Amount	
13	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	142.40			142.40	600.49	85509.78	142.40	85509.78	
14	Cost of Haulage Excluding Loading and Unloading Taking Output 25 t load and Lead 10km:100t.km	Cum	643.16			643.16	90.64	58296.02	643.16	58296.02	
								Sub Total	4358630.38		4358630.38	
								Add GST 18% GST Charges	784553.47		784553.47	
								Grand Total	5143183.85		5143183.85	

Certificate:

1 Certified that the contractor has work done satisfactorily.
2 The contractor has removed the debries from work site.
3 There is no dept. materials issued to the contractor.

Assistant Engineer
Ward -01
BBMP

Assistant Executive Engineer
Yelahanka Sub Division
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Yelahanka Division

EMB Sheet

NAME OF THE WORK:Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Estimate Cost : 50.00 Lakhs

P-Code-3863 **Job Code No:001-25-000023**

Work Orde:EE/YNK.D/KPPP-16/WO/17/25-26 Dt:26-05-2025

Contractor: Sri.Ravichandra.P

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

1st and Final Bill

Item NO 1

Dt :- 26/05/2025.

Item Name Removing and Resetting of Footpath Slab

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :								
R and R of Slab								
Papanna Layout Main Road From Kogilu Main Road to Dead End (Lhs)								
Ch:	0.00	30.00	1	30.00	0.75		22.50	
Ch:	30.00	32.00	1	2.00	0.75		1.50	
Ch:	32.00	36.50	1	4.50	No Work			Cross Road
Ch:	36.50	66.50	1	30.00	0.75		22.50	
Ch:	66.50	87.10	1	20.60	0.75		15.45	
Ch:	87.10	92.70	1	5.60	1.20		6.72	Culvert Desilt
Ch:	113.00	143.00	1	30.00	0.75		22.50	
Ch:	143.00	149.00	1	6.00	0.75		4.50	
Ch:	149.00	343.70	1	194.70	No Work			
Ch:	343.70	373.70	1	30.00	0.75		22.50	
Ch:	373.70	403.70	1	30.00	0.75		22.50	
Papanna Layout Main Road From Kogilu Main Road to Dead End (Rhs)								
Ch:	0.00	14.00	1	14.00	No Work			
Ch:	27.20	32.20	1	5.00	No Work			Cross Road
Ch:	32.20	56.90	1	24.70	0.90		22.23	
Ch:	56.90	62.30	1	5.40	No Work			Cross Road
Ch:	75.30	87.10	1	11.80	No Work			
Ch:	87.10	117.10	1	30.00	0.90		27.00	
Ch:	117.10	118.00	1	0.90	0.90		0.81	
Ch:	118.00	190.90	1	72.90	No Work			
Ch:	190.90	220.90	1	30.00	0.75		22.50	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Ch:	220.90	225.00	1	4.10	0.75		3.08	
Ch:	225.00	255.00	1	30.00	0.75		22.50	
Ch:	255.00	285.00	1	30.00	0.75		22.50	
Ch:	285.00	299.00	1	14.00	0.75		10.50	
8th Cross Road From Papanna Layout Main Road to Dead End (Lhs)								
Ch:	22.60	52.60	1	30.00	0.75		22.50	
Ch:	52.60	55.00	1	2.40	0.75		1.80	
8th Cross Road From Papanna Layout Main Road to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.75		22.50	
8th A Cross Road From 8th Cross Road to Dead End (Lhs)								
Ch:	0.00	38.80	1	38.80	No Work			No Drain
Ch:	38.80	66.00	1	27.20	0.75		20.40	
8th A Cross Road From 8th Cross Road to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.75		22.50	
Ch:	30.00	38.00	1	8.00	0.75		6.00	
Ch:	38.00	66.00	1	28.00	0.75		21.00	
5th Cross Road Kondappa Layout From #43 to Dead End (Lhs)								
Ch:	0.00	7.40	1	7.40	No Work			
Ch:	7.40	37.40	1	30.00	0.90		27.00	
Ch:	60.20	90.20	1	30.00	0.90		27.00	
Ch:	90.20	117.00	1	26.80	0.90		24.12	Culvert Desilt
5th Cross Road Kondappa Layout From #43 to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.90		27.00	
Ch:	30.00	60.00	1	30.00	0.90		27.00	
Ch:	60.00	90.00	1	30.00	0.90		27.00	
Ch:	90.00	117.00	1	27.00	0.90		24.30	
2nd Cross Road Munithimmayya Layout From to Dead End #22/A (Lhs)								
Ch:	0.00	23.00	1	23.00	0.75		17.25	
2nd Cross Road Munithimmayya Layout From to Dead End #22/A (Rhs)								
Ch:	0.00	16.00	1	16.00	0.75		12.00	
1st Cross Road Munithimmayya Layout From Main Road to Dead End (Lhs)								
Ch:	0.00	10.00	1	10.00	0.75		7.50	
Ch:	10.00	19.00	1	9.00	0.75		6.75	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								
Ch:	0.00	14.70	1	14.70	0.75		11.03	
Ch:	14.70	17.00	1	2.30	No Work			

A.E.E.

Ch:	17.00	47.00	1	30.00	0.75		22.50	
Ch:	47.00	77.00	1	30.00	0.75		22.50	
Ch:	77.00	107.00	1	30.00	0.75		22.50	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								
Ch:	36.80	66.80	1	30.00	0.75		22.50	
Ch:	66.80	96.80	1	30.00	0.75		22.50	
Ch:	96.80	124.00	1	27.20	0.75		20.40	
Total Executed Qty							**759.33**	**Sqm**
Schedule-B Qty							**520.56**	**Sqm**
Qty Limited and Carried to bill							**520.56**	**Sqm**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Executive Engineer
Yelahanka Zone
(BBMP Yelk. Zn)
Yelahanka, Bangalore

BC

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO 2 — 1st and Final Bill

Dt :- 27/05/2025 to 28/05/2025

Item Name: Earth work excavation for pipeline trenches in all kinds of soils by mechanical means as per drawing and technical specifications, including setting out, construction of shoring, strutting, barricading, caution lights, bracing, using sight rails & bonding rods at every 100 mm wherever necessary as directed, removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench to the extent required , utilising the available excavated earth locally for the work etc., and all other appurtenances complete in the following strata

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :								
	Desilting of Drain							
	Papanna Layout Main Road From Kogilu Main Road to Dead End (Lhs)							
Ch:	0.00	30.00	1	30.00	0.45	0.45	6.08	
Ch:	30.00	32.00	1	2.00	0.45	0.45	0.41	
Ch:	32.00	36.50	1	4.50	No Work			Cross Road
Ch:	36.50	66.50	1	30.00	0.45	0.45	6.08	
Ch:	66.50	87.10	1	20.60	0.45	0.45	4.17	
Ch:	87.10	92.70	1	5.60	0.60	0.55	1.85	Culvert Desilt
Ch:	92.70	113.00	1	20.30	0.45	0.40	3.65	
Ch:	113.00	143.00	1	30.00	0.45	0.40	5.40	
Ch:	143.00	149.00	1	6.00	0.45	0.40	1.08	
Ch:	149.00	343.70	1	194.70	No Work			
Ch:	343.70	373.70	1	30.00	0.45	0.50	6.75	
Ch:	373.70	403.70	1	30.00	0.45	0.50	6.75	
Ch:	403.70	421.00	1	17.30	0.45	0.50	3.89	
	Papanna Layout Main Road From Kogilu Main Road to Dead End (Rhs)							
Ch:	0.00	14.00	1	14.00	No Work			
Ch:	14.00	27.20	1	13.20	0.60	0.40	3.17	
Ch:	27.20	32.20	1	5.00	No Work			Cross Road

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Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Ch:	32.20	56.90	1	24.70	0.60	0.45	6.67	
Ch:	56.90	62.30	1	5.40	No Work			Cross Road
Ch:	62.30	75.30	1	13.00	0.60	0.45	3.51	
Ch:	75.30	87.10	1	11.80	No Work			
Ch:	87.10	117.10	1	30.00	0.60	0.45	8.10	
Ch:	117.10	118.00	1	0.90	0.60	0.45	0.24	
Ch:	118.00	190.90	1	72.90	No Work			
Ch:	190.90	220.90	1	30.00	0.45	0.45	6.08	
Ch:	220.90	225.00	1	4.10	0.45	0.45	0.83	
Ch:	225.00	255.00	1	30.00	0.45	0.45	6.08	
Ch:	255.00	285.00	1	30.00	0.45	0.55	7.43	
Ch:	285.00	299.00	1	14.00	0.45	0.55	3.47	
8th Cross Road From Papanna Layout Main Road to Dead End (Lhs)								
Ch:	0.00	22.60	1	22.60	0.45	0.40	4.07	
Ch:	22.60	52.60	1	30.00	0.45	0.40	5.40	
Ch:	52.60	55.00	1	2.40	0.45	0.45	0.49	
8th Cross Road From Papanna Layout Main Road to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.45	0.45	6.08	
Ch:	30.00	35.10	1	5.10	0.45	0.45	1.03	
Ch:	35.10	61.50	1	26.40	0.45	0.50	5.94	
8th A Cross Road From 8th Cross Road to Dead End (Lhs)								
Ch:	0.00	38.80	1	38.80	No Work			No Drain
Ch:	38.80	66.00	1	27.20	0.45	0.45	5.51	
8th A Cross Road From 8th Cross Road to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.45	0.45	6.08	
Ch:	30.00	38.00	1	8.00	0.45	0.45	1.62	
Ch:	38.00	66.00	1	28.00	0.45	0.50	6.30	
5th Cross Road Kondappa Layout From #43 to Dead End (Lhs)								
Ch:	0.00	7.40	1	7.40	No Work			
Ch:	7.40	37.40	1	30.00	0.60	0.45	8.10	
Ch:	37.40	54.90	1	17.50	0.60	0.45	4.73	
Ch:	54.90	60.20	1	5.30	No Work			
Ch:	60.20	90.20	1	30.00	0.60	0.55	9.90	
Ch:	90.20	117.00	1	26.80	0.60	0.55	8.84	Culvert Desilt
5th Cross Road Kondappa Layout From #43 to Dead End (Rhs)								
Ch:	0.00	30.00	1	30.00	0.60	0.45	8.10	
Ch:	30.00	60.00	1	30.00	0.60	0.45	8.10	
Ch:	60.00	90.00	1	30.00	0.60	0.55	9.90	

Asst. Executive Engineer
Yelahanka Sub. Divison
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Yelahanka, Bangalore

Ch:	90.00	117.00	1	27.00	0.60	0.55	8.91	
2nd Cross Road Munithimmayya Layout From to Dead End #22/A (Lhs)								
Ch:	0.00	23.00	1	23.00	0.60	0.45	6.21	
2nd Cross Road Munithimmayya Layout From to Dead End #22/A (Rhs)								
Ch:	0.00	16.00	1	16.00	0.60	0.45	4.32	
1st Cross Road Munithimmayya Layout From Main Road to Dead End (Lhs)								
Ch:	0.00	10.00	1	10.00	0.60	0.45	2.70	
Ch:	10.00	19.00	1	9.00	0.60	0.45	2.43	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								
Ch:	0.00	14.70	1	14.70	0.45	0.55	3.64	
Ch:	14.70	17.00	1	2.30	No Work			
Ch:	17.00	47.00	1	30.00	0.45	0.55	7.43	
Ch:	47.00	77.00	1	30.00	0.45	0.55	7.43	
Ch:	77.00	107.00	1	30.00	0.45	0.45	6.08	
Ch:	107.00	124.00	1	17.00	0.45	0.45	3.44	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								
Ch:	0.00	14.70	1	14.70	0.45	0.50	3.31	
Ch:	14.70	36.80	1	22.10	No Work			
Ch:	36.80	66.80	1	30.00	0.45	0.40	5.40	
Ch:	66.80	96.80	1	30.00	0.45	0.40	5.40	
Ch:	96.80	124.00	1	27.20	0.45	0.40	4.90	
Total Executed Qty							**263.41**	**Cum**
Schedule-B Qty							**259.97**	**Cum**
Qty Limited and Carried to bill							**259.97**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO	3	1st and Final Bill
Item Name	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe-500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.	Dt :- 10/06/2025 to 12/06/2025.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :								
Precast Slab For Missing Bits and Damage Portion								
Papanna Layout Main Road From Kogilu Main Road to Dead End (Lhs)								
Ch:	92:70	113.00	1	20.30	0.75		15.23	
Ch:	403.70	421.00	1	17.30	0.75		12.98	
Papanna Layout Main Road From Kogilu Main Road to Dead End (Rhs)								
Ch:	14.00	27.20	1	13.20	0.90		11.88	
Ch:	62.30	75.30	1	13.00	0.90		11.70	
8th Cross Road From Papanna Layout Main Road to Dead End (Lhs)								
Ch:	0.00	22.60	1	22.60	0.75		16.95	
8th Cross Road From Papanna Layout Main Road to Dead End (Rhs)								
Ch:	30.00	35.10	1	5.10	0.75		3.83	
Ch:	35.10	61.50	1	26.40	0.75		19.80	
5th Cross Road Kondappa Layout From #43 to Dead End (Lhs)								
Ch:	37.40	54.90	1	17.50	0.90		15.75	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								
Ch:	107.00	124.00	1	17.00	0.75		12.75	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana) (Lhs)								

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Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Ch:	0.00	14.70	1	14.70	0.75		11.03	
Total Executed Qty							**131.88**	**Sqm**
Schedule-B Qty							**130.14**	**Sqm**
Qty Limited and Carried to bill							**130.14**	**Sqm**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO 4 — 1st and Final Bill

Dt :- 28/05/2025 to 29/05/2025

Item Name: Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
Dismantling Works									
Pappanna Layout Near SWD Drain Parallel to Storm Water drian									
Ch:	0.00	0.00	1	0.00	4.20		0.10	0.00	
Ch:	0.00	28.00	1	28.00	(4.4+5.0)/2	4.33	0.10	12.11	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.10	-0.03	Manhole
2nd Cross Road From Munithimmayya Layout Main Road to Dead End #22/A									
Ch:	0.00	0.00	1	0.00	4.00		0.10	0.00	
Ch:	0.00	24.50	1	24.50	4.00	4.00	0.10	9.80	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.10	-0.03	Manhole
			-1	1.20	0.90	0.90	0.10	-0.11	
1st Cross Road From Munithimmayya Layout Main Road to Dead End									
Ch:	0.00	0.00	1	0.00	3.90		0.10	0.00	
Ch:	0.00	19.70	1	19.70	3.20	3.55	0.10	6.99	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.10	-0.03	Manhole
1st Cross Road From Kondappa Layout Main Road to Dead End #11,12									
Ch:	0.00	0.00	1	0.00	5.00		0.10	0.00	
Ch:	0.00	15.70	1	15.70	(4.9+5.0+3.7)/3	4.75	0.10	7.46	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.10	-0.03	Manhole
Total Executed Qty								**36.14**	**Cum**

Schedule-B Qty	33.53	Cum
Qty Limited and Carried to Bill	33.53	Cum

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BC

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO 5 — 1st and Final Bill

Dt :- 10/06/2025, to 12/06/2025.

Item Name: Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
Earthwork Excavation For New Asphalt Road Works									
5th Cross Road Kondappa Layout From #43 to End									
Ch:	84.90	84.90	1	0.00	5.30		0.275	0.00	
Ch:	84.90	97.30	1	12.40	4.70	5.00	0.275	17.05	
Ch:	97.30	117.20	1	19.90	6.20	5.45	0.275	29.83	
For Asphalt Edge Correction									
5th Cross Road Kondappa Layout From #43 to End									
			1	30.00	0.90	0.90	0.275	7.43	
			1	30.00	0.90	0.90	0.275	7.43	
			1	5.00	0.90	0.90	0.275	1.24	
Papanna Layout Main Road From Kogilu Main Road to Dead End									
			1	30.00	1.00	1.00	0.275	8.25	
			1	30.00	1.00	1.00	0.275	8.25	
			1	30.00	1.00	1.00	0.275	8.25	
			1	30.00	1.00	1.00	0.275	8.25	
			1	30.00	1.00	1.00	0.275	8.25	
			1	5.00	1.00	1.00	0.275	1.38	
Near Marutheshwara Temple End			1	25.00	0.90	0.90	0.275	6.19	
			1	8.00	0.80	0.80	0.275	1.76	
8th A Cross Road From 8th Cross Road to Dead End									

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

			1	30.00	0.80	0.80	0.275	6.60
			1	15.00	0.80	0.80	0.275	3.30
6th Cross Road From Papanna Layout Main Road to Dead End Shanti Bhavana) (Om								
			1	30.00	0.90	0.90	0.275	7.43
			1	30.00	0.90	0.90	0.275	7.43
			1	30.00	0.90	0.90	0.275	7.43
			1	15.00	0.90	0.90	0.275	3.71
For Pothole Corrections								
At Kempegowda Ward Surroundings								
			1	1.50	1.80	1.80	0.225	0.61
			2	1.00	1.20	1.20	0.225	0.54
			1	1.20	1.50	1.50	0.225	0.41
			4	2.00	2.10	2.10	0.225	3.78
			3	1.45	1.50	1.50	0.225	1.47
			2	2.00	2.50	2.50	0.225	2.25
			3	1.25	1.50	1.50	0.225	1.27
			2	1.75	2.00	2.00	0.225	1.58
			4	2.25	2.50	2.50	0.225	5.06
			5	0.90	1.20	1.20	0.225	1.22
			4	0.90	0.90	0.90	0.225	0.73
			8	1.00	1.00	1.00	0.225	1.80
			7	1.50	1.50	1.50	0.225	3.54
			5	1.70	1.80	1.80	0.225	3.44
			3	1.60	2.00	2.00	0.225	2.16
			2	1.75	2.10	2.10	0.225	1.65
			1	2.00	2.80	2.80	0.225	1.26
			2	2.10	2.50	2.50	0.225	2.36
			1	1.90	2.40	2.40	0.225	1.03
Cross Cuttings			1	5.40	0.60	0.60	0.225	0.73
			1	4.90	0.60	0.60	0.225	0.66
			1	5.70	0.45	0.45	0.225	0.58
			1	6.10	0.70	0.70	0.225	0.96
Earthwork Excavation For CC Road Works								
Papanna Layout Near SWD Drain Parallel to Storm Water drian								
Ch:	0.00	0.00	1	0.00	4.20		0.30	0.00
Ch:	0.00	28.00	1	28.00	(4.4+5.0) /2	4.33	0.30	36.33
Deduction								

Asst. Executive Engineer
Yelahanka Sub Divsor
(BBMP (Nk. Zn)
Yelahanka, Bangalore

Area=(3.14x0.6x0.6/4)= 0.28	-1	0.28	0.30	-0.08	Manhole
Total Executed Qty				**224.74**	**Cum**
Schedule-B Qty				**187.50**	**Cum**
Qty Limited and Carried to Bill				**187.50**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

(BBMP Yla. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO 6 — 1st and Final Bill

Dt :- 14/06/2025, 17/06/2025 to 18/06/2025

Item Name: Wet Mix Macadam (Plant Mix Method):roviding, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
Wetmix Macadam									
For New Asphalt Road Works									
5th Cross Road Kondappa Layout From #43 to End									
Ch:	84.90	84.90	1	0.00	5.30		0.225	0.00	
Ch:	84.90	97.30	1	12.40	4.70	5.00	0.225	13.95	
Ch:	97.30	117.20	1	19.90	6.20	5.45	0.225	24.40	
For Asphalt Edge Correction at Damage Portion									
5th Cross Road Kondappa Layout From #43 to End									
			1	30.00	0.90	0.90	0.225	6.08	
			1	30.00	0.90	0.90	0.225	6.08	
			1	5.00	0.90	0.90	0.225	1.01	
Papanna Layout Main Road From Kogilu Main Road to Dead End									
			1	30.00	1.00	1.00	0.225	6.75	
			1	30.00	1.00	1.00	0.225	6.75	
			1	30.00	1.00	1.00	0.225	6.75	
			1	30.00	1.00	1.00	0.225	6.75	
			1	30.00	1.00	1.00	0.225	6.75	
			1	5.00	1.00	1.00	0.225	1.13	
Near Marutheshwara Temple End			1	25.00	0.90	0.90	0.225	5.06	
			1	8.00	0.80	0.80	0.225	1.44	
8th A Cross Road From 8th Cross Road to Dead End									
			1	30.00	0.80	0.80	0.225	5.40	

A.E.E.

			1	15.00	0.80	0.80	0.225	2.70
6th Cross Road From Papanna Layout Main Road to Dead End Shanti Bhavana) (Om								
			1	30.00	0.90	0.90	0.225	6.08
			1	30.00	0.90	0.90	0.225	6.08
			1	30.00	0.90	0.90	0.225	6.08
			1	15.00	0.90	0.90	0.225	3.04
For Pothole Corrections								
At Kempegowda Ward Surroundings								
			1	1.50	1.80	1.80	0.225	0.61
			2	1.00	1.20	1.20	0.225	0.54
			1	1.20	1.50	1.50	0.225	0.41
			4	2.00	2.10	2.10	0.225	3.78
			3	1.45	1.50	1.50	0.225	1.47
			2	2.00	2.50	2.50	0.225	2.25
			3	1.25	1.50	1.50	0.225	1.27
			2	1.75	2.00	2.00	0.225	1.58
			4	2.25	2.50	2.50	0.225	5.06
			5	0.90	1.20	1.20	0.225	1.22
			4	0.90	0.90	0.90	0.225	0.73
			8	1.00	1.00	1.00	0.225	1.80
			7	1.50	1.50	1.50	0.225	3.54
			5	1.70	1.80	1.80	0.225	3.44
			3	1.60	2.00	2.00	0.225	2.16
			2	1.75	2.10	2.10	0.225	1.65
			1	2.00	2.80	2.80	0.225	1.26
			2	2.10	2.50	2.50	0.225	2.36
			1	1.90	2.40	2.40	0.225	1.03
Cross Cuttings			1	5.40	0.60	0.60	0.225	0.73
			1	4.90	0.60	0.60	0.225	0.66
			1	5.70	0.45	0.45	0.225	0.58
			1	6.10	0.70	0.70	0.225	0.96
Total Executed Qty								**161.33** **Cum**
Schedule-B Qty								**160.99** **Cum**
Qty Limited and Carried to Bill								**160.99** **Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BC

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO 7 1st and Final Bill

dt :- 19/06/2025, 21/06/2025, 24/06/2025

Item Name: Prime Coat over WMM/WB:Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg/m2 using mechanical means

SL NO	CHAINAGE		NO	Length	Breadth	Avg B	Depth	Qty	Remarks
	Land mark			(m)	(m)		(m)		
Measurement Recorded On :									
Primer Coat									
For New Asphalt Road Works									
5th Cross Road Kondappa Layout From #43 to End									
Ch:	84.90	84.90	1	0.00	5.30			0.00	
Ch:	84.90	97.30	1	12.40	4.70	5.00		62.00	
Ch:	97.30	117.20	1	19.90	6.20	5.45		108.46	
For Asphalt Edge Correction at Damage Portion									
5th Cross Road Kondappa Layout From #43 to End									
			1	30.00	0.90	0.90		27.00	
			1	30.00	0.90	0.90		27.00	
			1	5.00	0.90	0.90		4.50	
Papanna Layout Main Road From Kogilu Main Road to Dead End									
			1	30.00	1.00	1.00		30.00	
			1	30.00	1.00	1.00		30.00	
			1	30.00	1.00	1.00		30.00	
			1	30.00	1.00	1.00		30.00	
			1	30.00	1.00	1.00		30.00	
			1	5.00	1.00	1.00		5.00	
Near Marutheshwara Temple End			1	25.00	0.90	0.90		22.50	
			1	8.00	0.80	0.80		6.40	
8th A Cross Road From 8th Cross Road to Dead End									
			1	30.00	0.80	0.80		24.00	
			1	15.00	0.80	0.80		12.00	

A.E.E.

6th Cross Road From Papanna Layout Main Road to Dead End Shanti Bhavana) (Om									
			1	30.00	0.90	0.90		27.00	
			1	30.00	0.90	0.90		27.00	
			1	30.00	0.90	0.90		27.00	
			1	15.00	0.90	0.90		13.50	
For Pothole Corrections									
At Kempegowda Ward Surroundings									
			1	1.50	1.80	1.80		2.70	
			2	1.00	1.20	1.20		2.40	
			1	1.20	1.50	1.50		1.80	
			4	2.00	2.10	2.10		16.80	
			3	1.45	1.50	1.50		6.53	
			2	2.00	2.50	2.50		10.00	
			3	1.25	1.50	1.50		5.63	
			2	1.75	2.00	2.00		7.00	
			4	2.25	2.50	2.50		22.50	
			5	0.90	1.20	1.20		5.40	
			4	0.90	0.90	0.90		3.24	
			8	1.00	1.00	1.00		8.00	
			7	1.50	1.50	1.50		15.75	
			5	1.70	1.80	1.80		15.30	
			3	1.60	2.00	2.00		9.60	
			2	1.75	2.10	2.10		7.35	
			1	2.00	2.80	2.80		5.60	
			2	2.10	2.50	2.50		10.50	
			1	1.90	2.40	2.40		4.56	
Cross Cuttings			1	5.40	0.60	0.60		3.24	
			1	4.90	0.60	0.60		2.94	
			1	5.70	0.45	0.45		2.57	
			1	6.10	0.70	0.70		4.27	
Total Executed Qty								**717.02**	**Sqm**
Schedule-B Qty								**715.50**	**Sqm**
Qty Limited and Carried to Bill								**715.50**	**Sqm**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO	9	1st and Final Bill Dt :- 19/06/2025, 21/06/2025 & 24/06/2025
Item Name		Dense Graded Bituminous Macadam Grading - II for traffic <20 MSA:Providing and laying Dense Graded Bituminous Macadam with 120 TPH capacity HMP batch type using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
					DBM				
					For New Asphalt Road Works				
					5th Cross Road Kondappa Layout From #43 to End				
Ch:	84.90	84.90	1	0.00	5.30		0.050	0.00	
Ch:	84.90	97.30	1	12.40	4.70	5.00	0.050	3.10	
Ch:	97.30	117.20	1	19.90	6.20	5.45	0.050	5.42	
					For Asphalt Edge Correction at Damage Portion				
					5th Cross Road Kondappa Layout From #43 to End				
			1	30.00	0.90	0.90	0.050	1.35	
			1	30.00	0.90	0.90	0.050	1.35	
			1	5.00	0.90	0.90	0.050	0.23	
					Papanna Layout Main Road From Kogilu Main Road to Dead End				
			1	30.00	1.00	1.00	0.050	1.50	
			1	30.00	1.00	1.00	0.050	1.50	
			1	30.00	1.00	1.00	0.050	1.50	
			1	30.00	1.00	1.00	0.050	1.50	
			1	30.00	1.00	1.00	0.050	1.50	
			1	5.00	1.00	1.00	0.050	0.25	
Near Marutheshwara Temple End			1	25.00	0.90	0.90	0.050	1.13	
			1	8.00	0.80	0.80	0.050	0.32	
					8th A Cross Road From 8th Cross Road to Dead End				

A.E.E.

			1	30.00	0.80	0.80	0.050	1.20
			1	15.00	0.80	0.80	0.050	0.60
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana)								
			1	30.00	0.90	0.90	0.050	1.35
			1	30.00	0.90	0.90	0.050	1.35
			1	30.00	0.90	0.90	0.050	1.35
			1	15.00	0.90	0.90	0.050	0.68
For Profile Correction								
Papanna Layout Main Road From Kogilu Main Road to Dead End								
			1	30.00	2.50	2.50	0.050	3.75
			1	30.00	2.50	2.50	0.050	3.75
Near Marutheshwara Temple End			1	5.00	2.50	2.50	0.050	0.63
			1	7.00	2.50	2.50	0.050	0.88
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana)								
			1	20.00	1.50	1.50	0.050	1.50
			1	13.00	1.50	1.50	0.050	0.98
For Pothole Corrections								
At Kempegowda Ward Surroundings								
			1	1.50	1.80	1.80	0.050	0.14
			2	1.00	1.20	1.20	0.050	0.12
			1	1.20	1.50	1.50	0.050	0.09
			4	2.00	2.10	2.10	0.050	0.84
			3	1.45	1.50	1.50	0.050	0.33
			2	2.00	2.50	2.50	0.050	0.50
			3	1.25	1.50	1.50	0.050	0.28
			2	1.75	2.00	2.00	0.050	0.35
			4	2.25	2.50	2.50	0.050	1.13
			5	0.90	1.20	1.20	0.050	0.27
			4	0.90	0.90	0.90	0.050	0.16
			8	1.00	1.00	1.00	0.050	0.40
			7	1.50	1.50	1.50	0.050	0.79
			5	1.70	1.80	1.80	0.050	0.77
			3	1.60	2.00	2.00	0.050	0.48
			2	1.75	2.10	2.10	0.050	0.37
			1	2.00	2.80	2.80	0.050	0.28
			2	2.10	2.50	2.50	0.050	0.53
			1	1.90	2.40	2.40	0.050	0.23
Cross Cuttings			1	5.40	0.60	0.60	0.050	0.16
			1	4.90	0.60	0.60	0.050	0.15
			1	5.70	0.45	0.45	0.050	0.13
			1	6.10	0.70	0.70	0.050	0.21
Total Executed Qty								**47.33**

Cum

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Schedule-B Qty			
Qty Carried to Bill		47.79	Cum
		47.33	Cum

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BC

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO	8	1st and Final Bill

Dt:- 26/06/2025, 27/06/2025, 28/06/2025.

Item Name	Tack coat on Bituminous surface:Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom

SL NO	CHAINAGE		NO	Length	Breadth	Avg B	Depth	Qty	Remarks
	Land mark			(m)	(m)	(m)	(m)		
Measurement Recorded On :									
Tack Coat									
Papanna Layout Main Road From Kogilu Main Road to Dead End									
Ch	0.00	0.00	1	0.00	5.80			0.00	
Ch	0.00	14.00	1	14.00	5.00	5.40		75.60	
Ch	14.00	30.00	1	16.00	6.10	5.55		88.80	
Ch	30.00	56.00	1	26.00	5.30	5.70		148.20	
Ch	56.00	86.00	1	30.00	5.20	5.25		157.50	
Ch	86.00	116.00	1	30.00	5.30	5.25		157.50	
Ch	116.00	118.00	1	2.00	5.30	5.30		10.60	
Ch	118.00	135.00	1	17.00	5.30	5.30		90.10	
Ch	135.00	149.00	1	14.00	5.00	5.15		72.10	
Ch	149.00	165.00	1	16.00	8.50	6.75		108.00	
Ch	165.00	174.00	1	9.00	5.30	6.90		62.10	
Ch	174.00	190.90	1	16.90	4.50	4.90		82.81	
Ch	190.90	220.90	1	30.00	4.60	4.55		136.50	
Ch	220.90	250.00	1	29.10	4.60	4.60		133.86	
Ch	250.00	280.00	1	30.00	5.40	5.00		150.00	
Ch	280.00	299.00	1	19.00	5.50	5.45		103.55	
Ch	299.00	328.00	1	29.00	6.20	5.85		169.65	
Ch	328.00	343.00	1	15.00	9.00	7.60		114.00	
Ch	343.00	343.00	1	0.00	5.20	7.10		0.00	
Ch	343.00	373.00	1	30.00	4.60	4.90		147.00	
Ch	373.00	390.40	1	17.40	4.70	4.65		80.91	
Ch	390.40	406.00	1	15.60	5.20	4.95		77.22	
Ch	406.00	421.00	1	15.00	4.00	4.60		69.00	
Deduction			-14	0.16				-2.24	Manhole

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8th A Cross Road From 8th Cross Road to Dead End									
Ch	0.00	0.00	1	0.00	5.30			0.00	
Ch	0.00	20.00	1	20.00	5.00	5.15		103.00	
Ch	20.00	28.00	1	8.00	4.80	4.90		39.20	
Ch	28.00	58.00	1	30.00	5.10	4.95		148.50	
Ch	58.00	66.00	1	8.00	5.20	5.15		41.20	
Deduction			-2	0.16				-0.32	Manhole
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana)									
Ch	0.00	0.00	1	0.00	4.80			0.00	
Ch	0.00	14.70	1	14.70	3.20	4.00		58.80	
Ch	14.70	28.00	1	13.30	3.30	3.25		43.23	
Ch	28.00	58.00	1	30.00	4.60	3.95		118.50	
Ch	58.00	62.00	1	4.00	4.60	4.60		18.40	
Ch	62.00	74.00	1	12.00	5.70	5.15		61.80	
Ch	74.00	104.00	1	30.00	6.00	5.85		175.50	
Ch	104.00	124.00	1	20.00	6.10	6.05		121.00	
Deduction			-4	0.16				-0.64	Manhole
5th Cross Road Kondappa Layout From #43 to End									
Ch	0.00	0.00	1	0.00	5.00			0.00	
Ch	0.00	30.00	1	30.00	5.70	5.35		160.50	
Ch	30.00	37.00	1	7.00	5.80	5.75		40.25	
Ch	37.00	53.00	1	16.00	5.70	5.75		92.00	
Ch	53.00	54.90	1	1.90	No Work				Culvert
Ch	54.90	84.90	1	30.00	5.30	5.30		159.00	
Ch	84.90	97.30	1	12.40	4.70	5.00		62.00	
Ch	97.30	117.20	1	19.90	6.20	5.45		108.46	
Deduction			-3	0.16				-0.48	Manhole
Approch Road									
Ch	0.00	0.00	1	0.00	4.40			0.00	
Ch	0.00	27.00	1	27.00	4.20	4.30		116.10	
Total Executed Qty								**3898.75**	**Sqm**
Schedule-B Qty								**3891.20**	**Sqm**
Qty Limited and Carried to bill								**3891.20**	**Sqm**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division-1
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

Item NO	10	1st and Final Bill

dt :- 26/06/25, 27/06/25, 28/06/2025.

Item Name: Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects

SL NO	CHAINAGE		NO	Length	Breadth	Avg B	Depth	Qty	Remarks
	Land mark			(m)	(m)	(m)	(m)		
Measurement Recorded On :									
Bituminous Concrete									
Papanna Layout Main Road From Kogilu Main Road to Dead End									
Ch	0.00	0.00	1	0.00	5.80		0.04	0.00	
Ch	0.00	14.00	1	14.00	5.00	5.40	0.04	3.02	
Ch	14.00	30.00	1	16.00	6.10	5.55	0.04	3.55	
Ch	30.00	56.00	1	26.00	5.30	5.70	0.04	5.93	
Ch	56.00	86.00	1	30.00	5.20	5.25	0.04	6.30	
Ch	86.00	116.00	1	30.00	5.30	5.25	0.04	6.30	
Ch	116.00	118.00	1	2.00	5.30	5.30	0.04	0.42	
Ch	118.00	135.00	1	17.00	5.30	5.30	0.04	3.60	
Ch	135.00	149.00	1	14.00	5.00	5.15	0.04	2.88	
Ch	149.00	165.00	1	16.00	8.50	6.75	0.04	4.32	
Ch	165.00	174.00	1	9.00	5.30	6.90	0.04	2.48	
Ch	174.00	190.90	1	16.90	4.50	4.90	0.04	3.31	
Ch	190.90	220.90	1	30.00	4.60	4.55	0.04	5.46	
Ch	220.90	250.00	1	29.10	4.60	4.60	0.04	5.35	
Ch	250.00	280.00	1	30.00	5.40	5.00	0.04	6.00	
Ch	280.00	299.00	1	19.00	5.50	5.45	0.04	4.14	
Ch	299.00	328.00	1	29.00	6.20	5.85	0.04	6.79	
Ch	328.00	343.00	1	15.00	9.00	7.60	0.04	4.56	
Ch	343.00	343.00	1	0.00	5.20	7.10	0.04	0.00	
Ch	343.00	373.00	1	30.00	4.60	4.90	0.04	5.88	
Ch	373.00	390.40	1	17.40	4.70	4.65	0.04	3.24	
Ch	390.40	406.00	1	15.60	5.20	4.95	0.04	3.09	
Ch	406.00	421.00	1	15.00	4.00	4.60	0.04	2.76	
Deduction			-14	0.16			0.04	-0.09	Manhole

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

8th A Cross Road From 8th Cross Road to Dead End									
Ch	0.00	0.00	1	0.00	5.30		0.04	0.00	
Ch	0.00	20.00	1	20.00	5.00	5.15	0.04	4.12	
Ch	20.00	28.00	1	8.00	4.80	4.90	0.04	1.57	
Ch	28.00	58.00	1	30.00	5.10	4.95	0.04	5.94	
Ch	58.00	66.00	1	8.00	5.20	5.15	0.04	1.65	
Deduction			-2		0.16		0.04	-0.01	Manhole
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana)									
Ch	0.00	0.00	1	0.00	4.80		0.04	0.00	
Ch	0.00	14.70	1	14.70	3.20	4.00	0.04	2.35	
Ch	14.70	28.00	1	13.30	3.30	3.25	0.04	1.73	
Ch	28.00	58.00	1	30.00	4.60	3.95	0.04	4.74	
Ch	58.00	62.00	1	4.00	4.60	4.60	0.04	0.74	
Ch	62.00	74.00	1	12.00	5.70	5.15	0.04	2.47	
Ch	74.00	104.00	1	30.00	6.00	5.85	0.04	7.02	
Ch	104.00	124.00	1	20.00	6.10	6.05	0.04	4.84	
Deduction			-4		0.16		0.04	-0.03	Manhole
5th Cross Road Kondappa Layout From #43 to End									
Ch	0.00	0.00	1	0.00	5.00		0.04	0.00	
Ch	0.00	30.00	1	30.00	5.70	5.35	0.04	6.42	
Ch	30.00	37.00	1	7.00	5.80	5.75	0.04	1.61	
Ch	37.00	53.00	1	16.00	5.70	5.75	0.04	3.68	
Ch	53.00	54.90	1	1.90	No Work				Culvert
Ch	54.90	84.90	1	30.00	5.30	5.30	0.04	6.36	
Ch	84.90	97.30	1	12.40	4.70	5.00	0.04	2.48	
Ch	97.30	117.20	1	19.90	6.20	5.45	0.04	4.34	
Deduction			-3		0.16		0.04	-0.02	Manhole
Approch Road									
Ch	0.00	27.00	1	0.00	4.40		0.04	0.00	
Ch	0.00	27.00	1	27.00	4.20	4.30	0.04	4.64	
Total Executed Qty								**155.95**	**Cum**
Schedule-B Qty								**155.65**	**Cum**
Qty Limited and Carried to bill								**155.65**	**Cum**

Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub. Div.
(BBMP Tnk. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

1st and Final Bill

Item NO 11 Dt :- 30/05/2025 , 03/06/2025.

Item Name: Dry lean Cement Concrete Sub-base:Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
DLC									
Pappanna Layout Near SWD Drain Parallel to Storm Water drian									
Ch:	0.00	0.00	1	0.00	4.20		0.15	0.00	
Ch:	0.00	28.00	1	28.00	(4.4+5.0)/2	4.33	0.15	18.17	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole
2nd Cross Road From Munithimmayya Layout Main Road to Dead End #22/A									
Ch:	0.00	0.00	1	0.00	4.00		0.15	0.00	
Ch:	0.00	24.50	1	24.50	4.00	4.00	0.15	14.70	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole
			-1	1.20	0.90	0.90	0.15	-0.16	
1st Cross Road From Munithimmayya Layout Main Road to Dead End									
Ch:	0.00	0.00	1	0.00	3.90		0.15	0.00	
Ch:	0.00	19.70	1	19.70	3.20	3.55	0.15	10.49	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole
1st Cross Road From Kondappa Layout Main Road to Dead End #11,12									
Ch:	0.00	0.00	1	0.00	5.00		0.10	0.00	
Ch:	0.00	15.70	1	15.70	(4.9+5.0+3.7)/3	4.75	0.10	7.46	

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Deduction Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.10	-0.03	Manhole
Ramp Near Swd									
			1	3.50	(5.5+5.3) /2	5.40	0.10	1.89	
			1	4.80	(4.9+4.3) /2	4.60	0.10	2.21	
Total Executed Qty								**54.59**	**Cum**
Schedule-B Qty								**51.53**	**Cum**
Qty Limited and Carried to Bill								**51.53**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

1st and Final Bill

Item NO 12 Dt :- 05/06/2025 , 08/06/2025

Item Name: Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016:, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Avg B	Depth (m)	Qty	Remarks
Measurement Recorded On :									
M-30 Concrete									
Pappanna Layout Near SWD Drain Parallel to Storm Water drian									
Ch:	0.00	0.00	1	0.00	4.20		0.15	0.00	
Ch:	0.00	28.00	1	28.00	(4.4+5.0)/2	4.33	0.15	18.17	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole
2nd Cross Road From Munithimmayya Layout Main Road to Dead End #22/A									
Ch:	0.00	0.00	1	0.00	4.00		0.15	0.00	
Ch:	0.00	24.50	1	24.50	4.00	4.00	0.15	14.70	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole
			-1	1.20	0.90	0.90	0.15	-0.16	
1st Cross Road From Munithimmayya Layout Main Road to Dead End									
Ch:	0.00	0.00	1	0.00	3.90		0.15	0.00	
Ch:	0.00	19.70	1	19.70	3.20	3.55	0.15	10.49	
Deduction									
Area=(3.14x0.6x0.6/4)= 0.28			-1	0.28			0.15	-0.04	Manhole

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

1st Cross Road From Kondappa Layout Main Road to Dead End #11,12									
Ch:	0.00	0.00	1	0.00	5.00		0.15	0.00	
Ch:	0.00	15.70	1	15.70	(4.9+5.0+3.7)/3	4.75	0.15	11.19	
Deduction									
Area=(3.14x0.6x0.6/4)=0.28			-1	0.28			0.15	-0.04	Manhole
Ramp Near Swd									
			1	3.50	(5.5+5.3)/2	5.40	0.10	1.89	
			1	4.80	(4.9+4.3)/2	4.60	0.10	2.21	
Total Executed Qty								**58.31**	**Cum**
Schedule-B Qty								**51.53**	**Cum**
Qty Limited and Carried to Bill								**51.53**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division-1
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

1st and Final Bill

Item NO	13	Dt :- 02/07/2025, 05/07/2025.
Item Name	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	

SL NO	CHAINAGE		NO	Length	Breadth	Avg B	Depth	Qty	Remarks
	Land mark			(m)	(m)	(m)	(m)		
Measurement Recorded On :									
2 Lane Marking									
Papanna Layout Main Road From Kogilu Main Road to Dead End									
Ch	0.00	0.00	2	0.00	0.10	0.10		0.00	
Ch	0.00	14.00	2	14.00	0.10	0.10		2.80	
Ch	14.00	30.00	2	16.00	0.10	0.10		3.20	
Ch	30.00	56.00	2	26.00	0.10	0.10		5.20	
Ch	56.00	86.00	2	30.00	0.10	0.10		6.00	
Ch	86.00	116.00	2	30.00	0.10	0.10		6.00	
Ch	116.00	118.00	2	2.00	0.10	0.10		0.40	
Ch	118.00	135.00	2	17.00	0.10	0.10		3.40	
Ch	135.00	149.00	2	14.00	0.10	0.10		2.80	
Ch	149.00	165.00	2	16.00	0.10	0.10		3.20	
Ch	165.00	174.00	2	9.00	0.10	0.10		1.80	
Ch	174.00	190.90	2	16.90	0.10	0.10		3.38	
Ch	190.90	220.90	2	30.00	0.10	0.10		6.00	
Ch	220.90	250.00	2	29.10	0.10	0.10		5.82	
Ch	250.00	280.00	2	30.00	0.10	0.10		6.00	
Ch	280.00	299.00	2	19.00	0.10	0.10		3.80	
Ch	299.00	328.00	2	29.00	0.10	0.10		5.80	
Ch	328.00	343.00	2	15.00	0.10	0.10		3.00	
Ch	343.00	343.00	2	0.00	0.10	0.10		0.00	
Ch	343.00	373.00	2	30.00	0.10	0.10		6.00	
Ch	373.00	390.40	2	17.40	0.10	0.10		3.48	
Ch	390.40	406.00	2	15.60	0.10	0.10		3.12	
Ch	406.00	421.00	2	15.00	0.10	0.10		3.00	

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

8th A Cross Road From 8th Cross Road to Dead End									
Ch	0.00	0.00	2	0.00	0.10	0.10		0.00	
Ch	0.00	20.00	2	20.00	0.10	0.10		4.00	
Ch	20.00	28.00	2	8.00	0.10	0.10		1.60	
Ch	28.00	58.00	2	30.00	0.10	0.10		6.00	
Ch	58.00	66.00	2	8.00	0.10	0.10		1.60	
6th Cross Road From Papanna Layout Main Road to Dead End (Om Shanti Bhavana)									
Ch	0.00	0.00	2	0.00	0.10	0.10		0.00	
Ch	0.00	14.70	2	14.70	0.10	0.10		2.94	
Ch	14.70	28.00	2	13.30	0.10	0.10		2.66	
Ch	28.00	58.00	2	30.00	0.10	0.10		6.00	
Ch	58.00	62.00	2	4.00	0.10	0.10		0.80	
Ch	62.00	74.00	2	12.00	0.10	0.10		2.40	
Ch	74.00	104.00	2	30.00	0.10	0.10		6.00	
Ch	104.00	124.00	2	20.00	0.10	0.10		4.00	
5th Cross Road Kondappa Layout From #43 to End									
Ch	0.00	0.00	2	0.00	0.10	0.10		0.00	
Ch	0.00	30.00	2	30.00	0.10	0.10		6.00	
Ch	30.00	37.00	2	7.00	0.10	0.10		1.40	
Ch	37.00	53.00	2	16.00	0.10	0.10		3.20	
Ch	53.00	54.90	2	1.90	No Work				Culvert
Ch	54.90	84.90	2	30.00	0.10	0.10		6.00	
Ch	84.90	97.30	2	12.40	0.10	0.10		2.48	
Ch	97.30	117.20	2	19.90	0.10	0.10		3.98	
Total Executed Qty								**145.26**	**Cum**
Schedule-B Qty								**142.40**	**Cum**
Qty Limited and Carried to bill								**142.40**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-Yelahanka Division

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Measurement sheet

Name of the Contractor: Sri.Ravichandra.P

Workorder No:EE/YNK.D/KPPP-16/WO/17/25-26 Dated:26-05-2025

Job Code:001-25-000023 Est Cost Rs:50.00 Lakhs

1st and Final Bill

Item NO 14 Dt :- 17/07/2025.

Item Name Cost of Haulage Excluding Loading and Unloading Taking Output 25 t load and Lead 10km:100t.km

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :							
Ref Item No:2		1	263.41			263.41	
Ref Item No:4		1	36.14			36.14	
Ref Item No:5		1	224.74			224.74	
Road Side Debries Shifting							
		3	0.90	0.90	0.90	2.19	
		6	1.20	1.20	0.90	7.78	
		5	1.50	1.50	0.90	10.13	
		4	1.80	1.80	0.90	11.66	
		3	2.10	2.10	0.90	11.91	
		2	2.50	2.10	0.90	9.45	
		2	4.00	2.00	1.00	16.00	
		1	4.10	2.50	1.00	10.25	
		1	5.90	2.10	1.00	12.39	
		1	2.40	2.50	1.00	6.00	
		1	3.00	2.10	0.90	5.67	
		1	1.30	1.75	0.90	2.05	
		1	1.60	1.80	0.90	2.59	
		1	4.00	2.00	0.90	7.20	
		1	2.50	1.80	0.90	4.05	
Total Executed Qty						**643.61**	
Schedule-B Qty						**643.16**	**Cum**
Qty Limited and Carried to bill						**643.16**	**Cum**

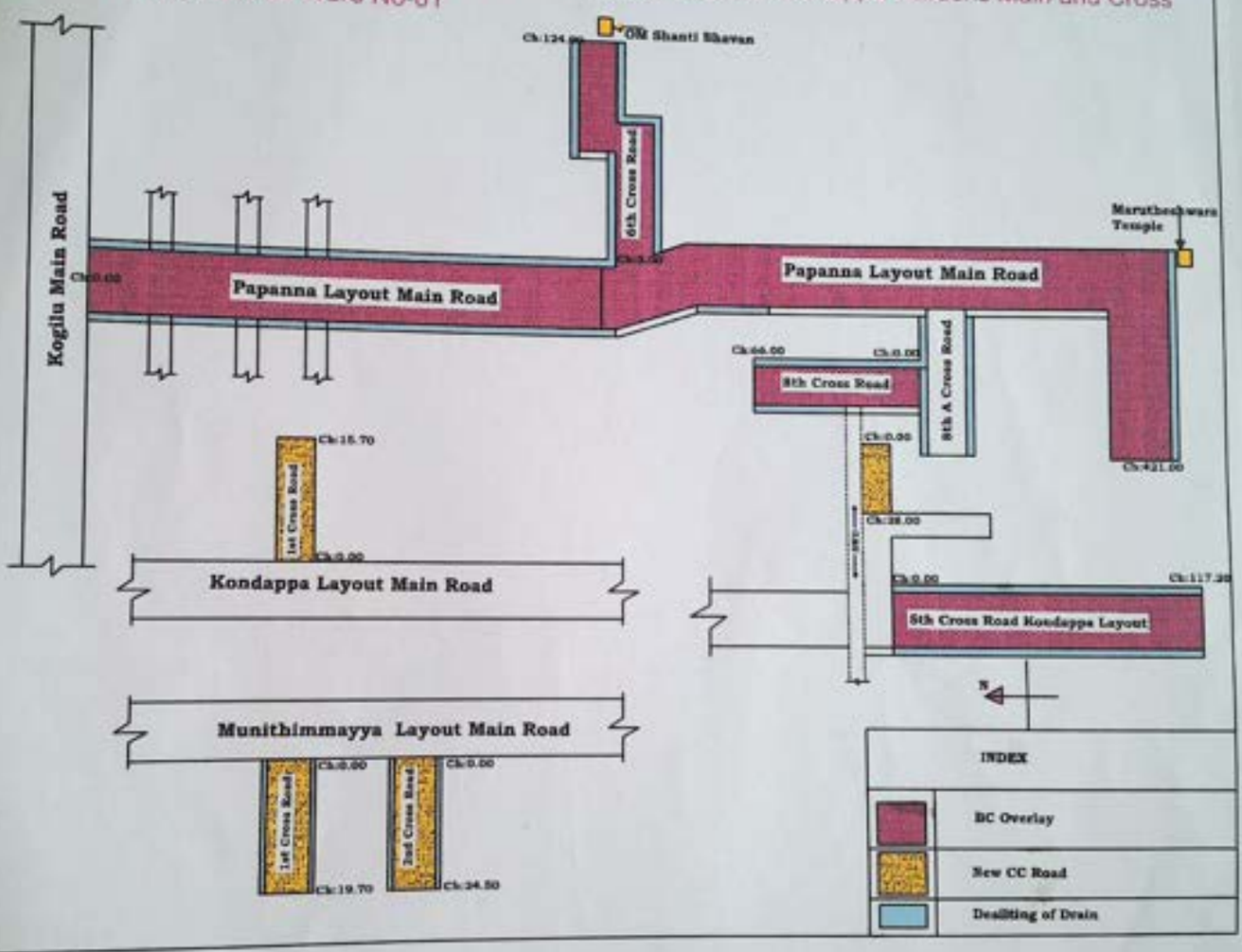
Contractor Representative

Assistant Engineer
Ward No.01,
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP Bangalore

Assistant Executive Engineer
Yelahanka Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01



Approved

A.E.E.

Bruhat Bangalore Mahanagara Palike

Asst Executive Engineer

Yelahanka Sub Division

QUALITY REPORT

(1st & Final Bill)

NAME OF THE WORK: "Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda Ward no-01."

M/s. Team for You

Project Management and Services

Registered Office: #102, 1st Main Road, 3rd Cross,
Magadi Main Road, Kottigepalya,
Bangalore-560091.
E mail: team4upms@gmail.com
Ph: 7829676869

For Team For You

Project Management Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01**

Job No: **TFU/BBMP/QC/EE/YLK/2025-26/QR-01**

Contractor **Sri Ravichandra. P**

Sl. No	Particulars of the Tests	Wet Mix Macadam			
		Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
1	Rate of Spread of Prime Coat	160.99	3 Test / Day	3	3
2	Aggregate Impact Value		1 Test / 1000 m^3	1	1
3	Combined Flakiness & Elongation Indices		1Test / 500 m^3	1	1
4	Aggregate gradation		1Test / 200 m^3	1	1
5	Density of Compacted Layer		1 Test / 1000m^2	1	1

Note: Frequency of tests as per Specifications MORTH, V Revision, Section 900.

CONSULTANT

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

EXECUTIVE ENGINEER

TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report
Rate of Spread of Prime Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Bitumen
Sample No	1
Date	2-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.671	1.669	1.67
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.031	0.029	0.03
6	Rate of spread (d/a)	kg / m^2	0.775	0.725	0.75
7	Average	kg / m^2	0.750		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.750 kg/m2

For Team For You

A.E.E.

Authorised Signature

102, 3rd Cross, 1st Main, Kottigepalya, Magadi Main Road, Bangalore - 560 091.

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

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Test Report

Rate of Spread of Prime Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Location	Sample collected @ Papanna Layout Main Road
Material	Bitumen
Sample No	2
Date	2-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.67	1.668	1.669
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.03	0.028	0.029
6	Rate of spread (d/a)	kg / m^2	0.75	0.7	0.725
7	Average	kg / m^2	0.725		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.725 kg/m2

A.E.E.

For Team For You

Authorised Signature

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report

Rate of Spread of Prime Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Location	Sample collected @ 6th Cross Road From Papanna Layout
Material	Bitumen
Sample No	3
Date	2-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.671	1.669	1.67
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.031	0.029	0.03
6	Rate of spread (d/a)	kg / m^2	0.775	0.725	0.75
7	Average	kg / m^2	0.750		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.750 kg / m2

A.E.E.

For Team For You

Authorised Signature

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report
Aggregate Impact Value

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Material	Coarse Aggregate
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Sample No	1
Date	26-May-2025

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1320	1325
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	360	365
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	77	79
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	283	286
6	Aggregate Impact Value (w4 / w3)x100	%	21.39	21.64
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **21.52** %

A.E.E.

For Team For You

Authorised Signature

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017
ISO 9001 : 2015 Certified Company

Test Report

Aggregate Particle Shape

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Coarse Aggregates
Sample No	1
Date	26-May-2025

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.90	0	-	0
50	40	0	27.00	0	81	0
40	25	25	19.50	0	58.5	0
31.5	25	35	16.90	0	-	0
25	20	1562	13.50	242	40.5	290
20	16	1453	10.80	132	32.4	127
16	12.5	959	8.55	154	25.6	117
12.5	10	480	6.75	82	20.2	76
10	6.3	240	4.89	62	14.7	100
	SW	4754	0.00	672	SWe	710

Flakiness Inde: 14.14 %
Elongation Ind 14.93 %

Combined Flakiness and Elongation Indices : 29.07 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for WMM is 35%

A.E.E.

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Test Report

Aggregate Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Test Method	MORTH Specification Rev. V.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Coarse Aggregates
Sample No	1
Date	26-May-2025

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	128	3.20	3.20	96.80	95-100	
3	22.4	1142	28.54	31.74	68.26	60-80	
4	11.2	789	19.73	51.47	48.53	40-60	
5	4.75	877	21.93	73.40	26.60	25-40	
6	2.36	345	8.63	82.03	17.97	15-30	
7	0.06	359	8.98	91.01	8.99	(8-22)	
8	0.075	232	5.79	96.80	3.20	0-5	

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Test Report

Field Density Test by Sand Replacement Method

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Wet Mix Macadam
Contractor	Sri Ravichandra. P
Test Method	IS: 2720 (Part - 16) 1963 & Specification for Road & Bridge Works, MORTH, Rev.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Wet Mix Macadam
Sample No	1
Date	2-Jun-2025

Test Hole No	**1**
MDD	2.24
OMC in %	3.2
Bulk Density Ys	1.392
Weight of Sand In cone W1 (gm)	1195
Weight Of Wet soil From Hole (W2)	4331
Wt Of Sand +Cylinder Before Pouring (W3)gm	17000
Wt Of Sand +Cylinder After Pouring (W4) gm	13152
Wt Of Sand In Hole: W5 = W3 - W4- W1 (gm)	2653
Volume of Hole: V= W5/ Ys	1905.89
Bulk Density Yb= W2/V (gm/cc)	2.27
Moisture Meter Reading (%)	1.65
Moisture Content : w (From Graph In %)	3.22
Dry Density Yd = Yb/(1+W/100)	2.20
Field Compaction(%)	98.28

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M/s Team for you

Project Management and Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01**

Job No: **TFU/BBMP/QC/EE/YLK/2025-26/QR-01**

Contractor **Sri Ravichandra. P**

Sl. No	Particulars of the Tests	Dense Graded Bituminous Macadam			
		Quantity	Frequency of Tests	Tests Required	Tests Carried Out
1	Quality of Binder	47.33	2 Test / lot	2	2
2	Rate of Spread of Tack Coat/ Prime Coat		3 Test / Day	3	3
3	Aggregate Impact Value		1 Test / 350 m^3	1	1
4	Combined Flakiness & Elongation Indices		1 Test / 350 m^3	1	1
5	Aggregate Stripping Value		1Test / Source of Supply	1	1
6	Specific Gravity & Water Absorption of Aggregates		1Test / Source of Supply	1	1
7	Aggregate gradation		1 Test / 400 m^3	1	1
8	Marshal Stability of the Mix		3 Tests / Day	3	3
9	Binder content and Mix Gradation		2 Tests / Day	2	2

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

CONSULTANT

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Test Report
Quality of Bitumen

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 73 – 1992 & Specification for Road & Bridge Works, MORTH, Revision V.
Grade of Bitumen	60 / 70
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Bitumen
Sample No	1
Date	2-Jun-2025

Sl. No.	Description	Test Results	Requirement as per IS:73 - 1992
1	Penetration at 25^{0}C , 1 / 10 mm	65	60 – 70
2	Softening Point, (^{0}C)	55	45 – 55
3	Specific Gravity	1.1	Min. 0.97
4	Ductility at 27^{0}C, in cm	85	Min. 75
5	Flash Point, (^{0}C)	185	Min. 175

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Test Report

Quality of Bitumen

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 73 – 1992 & Specification for Road & Bridge Works, MORTH, Revision V.
Grade of Bitumen	60 / 70
Location	Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Material	Bitumen
Sample No	2
Date	2-Jun-2025

Sl. No.	Description	Test Results	Requirement as per IS:73 - 1992
1	Penetration at 25°C , 1 / 10 mm	64	60 – 70
2	Softening Point, (°C)	53	45 – 55
3	Specific Gravity	1.1	Min. 0.97
4	Ductility at 27°C, in cm	81	Min. 75
5	Flash Point, (°C)	182	Min. 175

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Test Report

Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Bitumen
Sample No	1
Date	9-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.658	1.657	1.656
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.018	0.017	0.016
6	Rate of spread (d/a)	kg / m^2	0.450	0.425	0.4
7	Average	kg / m^2	0.425		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.425 kg / m2

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Test Report
Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Location	Sample Collected @ 8th A Cross Road
Sample No	2
Date	9-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.657	1.656	1.655
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.017	0.016	0.015
6	Rate of spread (d/a)	kg / m^2	0.425	0.400	0.375
7	Average	kg / m^2	0.400		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.400 kg / m2

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Test Report
Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Location	Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Material	Bitumen
Sample No	3
Date	9-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.657	1.658	1.657
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.017	0.018	0.017
6	Rate of spread (d/a)	kg / m^2	0.425	0.45	0.425
7	Average	kg / m^2	0.433		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.433 kg / m2

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Test Report
Aggregate Impact Value

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Coarse Aggregate
Sample No	1
Date	2-Jun-2025

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1333	1335
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	373	375
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	80	81
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	293	294
6	Aggregate Impact Value (w4 / w3)x100	%	21.45	21.60
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **21.52** %

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Test Report
Aggregate Particle Shape

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Coarse Aggregates
Sample No	1
Date	2-Jun-2025

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	0	19.5	0	58.5	0
31.5	25	0	16.9	0	-	0
25	20	1572	13.5	252	40.5	270
20	16	1434	10.8	113	32.4	140
16	12.5	967	8.55	162	25.6	169
12.5	10	451	6.75	53	20.2	59
10	6.3	271	4.89	93	14.70	100
	SW	4695	SWf	673	SWe	738

Flakiness Index 14.33 %

Elongation Index 15.72 %

Combined Flakiness and Elongation Indices : 30.05 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for DBM is 35%.

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Test Report
Aggregate Stripping Value

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 6241 - 1971 & Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Coarse Aggregates / Bitumen
Sample No	1
Date	2-Jun-2025
Type of Aggregate	Coarse Aggregate
Type of Binder	60 / 70 Grade
Percentage of Binder Used	5% by weight
Total weight of Aggregate	200 gms
Total weight of Binder	10 gms
Temperature of water bath	40^0C

Observation Number	Stripping Percentage	Average Percentage	Average Retained Coating (%)
1	3.30	3.50	96.50
2	3.50		
3	3.70		

Comments: Minimum allowable Aggregate Retained Value for Dense Bituminous Macadam is 95%

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Test Report

Specific Gravity and Water Absorption

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS: 2386 (Part - 111) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Coarse Aggregates
Sample No	1
Date	2-Jun-2025

Sl. No.	Particulars	Computations	Test Numbers		Mean
			Test 1	Test 2	
1	Weight of Empty Basket Immersed in Water	W_1 g	763	767	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2037	2040	
3	Weight of Saturated Aggregate in water	W_4g = W_2- W_1	1274	1273	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2072	2065	
5	Weight of water equal to the Volume of the Aggregate	W_3- W_4	798	792	
6	Weight of Oven dried Aggregate	W_4g	2033	2036	
7	Specific Gravity	W_4/(W_3- W_4)	2.55	2.57	2.56
8	Apparent Specific Gravity	W_4/(W_4- W_4)	2.68	2.67	2.67
9	Water Absorption	(W_4- W_3)*100/ W_4	1.92	1.42	1.67

Comments: Maximum allowable Aggregate Water Absorption value for Dense bituminous Macadam is 2.0%.

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Test Report
Aggregate Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Material	Coarse Aggregates
Sample No	1
Date	2-Jun-2025

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORTH	
1	37.50	0	0.00	0.00	100.00	100	
2	26.50	173	4.31	4.31	95.69	90-100	
3	19.00	879	21.96	26.28	73.73	71-95	
4	13.20	680	16.99	43.26	56.74	56-80	
5	4.75	713	17.81	61.08	38.93	38-54	
6	2.36	376	9.39	70.46	29.54	28-42	
7	0.30	746	18.64	89.10	10.90	(7-21)	
8	0.075	267	6.66	95.76	4.24	(2-8)	

Gradation satisfies the MORT&H Specification for Dense graded biyumineous macadam

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Test Report

Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Sample No	1
Date	9-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.39	9 KN (min)
2	Marshal Flow	mm	3.93	2 – 5 mm
3	Percent of Air Voids in mix	%	4.34	3-5
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	68.71	65 – 75 %
5	Density	g/cc	2.48	-

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Test Report

Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample Collected @ 8th A Cross Road
Sample No	2
Date	9-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.37	9 KN (min)
2	Marshal Flow	mm	3.52	2 – 5 mm
3	Percent of Air Voids in mix	%	4.69	3-5
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	70.21	65 – 75 %
5	Density	g/cc	2.45	-

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Test Report
Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Sample No	3
Date	9-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.39	9 KN (min)
2	Marshal Flow	mm	3.92	2 – 5 mm
3	Percent of Air Voids in mix	%	4.32	3-5
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	71.21	65 – 75 %
5	Density	g/cc	2.44	-

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Test Report

Binder Content and Mix Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (Papanna Layout Main Road)
Sample No	1
Date	9-Jun-2025

Sl. No.	Description	Unit	Computation	Test Result
1	Weight of Empty bowl before Extraction (E)	gm	Eb	1080
2	Weight of bowl + Sample before extraction (w_s)	gm	w_{sb}	1738
3	Weight of Sample taken for the test (S_b)	gm	$S_b = w_{sb} - Eb$	658
4	Weight of bowl + Sample after extraction (w_a)	gm	w_{ab}	1706
5	Weight of Sample after extraction (i.e. washed	gm	$S_a = w_{ab} - Eb$	626
6	Weight of Filter paper before extraction (F_b)	gm	F_b	2
7	Weight of Filter paper after extraction (F_a)	gm	F_a	4
8	Weight of filler on filter paper (F_d)	gm	$F_d = F_b - F_a$	2
9	Weight of Bitumen without considering Filter paper (W_b)	gm	W_b	32
10	Weight of the Bitumen with considering Filter paper (W_a)	gm	$W_a = w_b - F_d$	30
11	Percentage of the Bitumen (i.e. Binder Content) ($\%_b$)	(%)	W_a/ SbX100	4.56

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORTH	
1	37.50	0	0.00	0.00	100.00	100.00	Gradation satisfies the MORT&H Specification for Dense graded bituminous macadam
2	26.50	169	4.23	4.23	95.78	90-100	
3	19.00	875	21.88	26.10	73.90	71-95	
4	13.20	676	16.90	43.00	57.00	56-80	
5	4.75	709	17.73	60.73	39.28	38-54	
6	2.36	372	9.30	70.03	29.98	28-42	
7	0.30	742	18.55	88.58	11.43	(7-21)	
8	0.075	263	6.58	95.15	4.85	(2-8)	

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Test Report

Binder Content and Mix Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Dense Graded Bituminous Macadam
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Sample No	2
Date	9-Jun-2025

Sl. No.	Description	Unit	Computation	Test Result
1	Weight of Empty bowl before Extraction (E)	gm	Eb	1080
2	Weight of bowl + Sample before extraction (w_b)	gm	w_{sb}	1769
3	Weight of Sample taken for the test (S_b)	gm	$S_b = w_{sb} - Eb$	689
4	Weight of bowl + Sample after extraction (w_a)	gm	w_{sa}	1734
5	Weight of Sample after extraction (i.e. washed	gm	$S_a = w_{sa} - Eb$	654
6	Weight of Filter paper before extraction (F_b)	gm	F_b	2
7	Weight of Filter paper after extraction (F_a)	gm	F_a	4
8	Weight of filler on filter paper (F_d)	gm	$F_d = F_b - F_a$	2
9	Weight of Bitumen without considering Filter paper (W_b)	gm	W_b	35
10	Weight of the Bitumen with considering Filter paper (W_a)	gm	$W_a = w_b - F_d$	33
11	Percentage of the Bitumen (i.e. Binder Content) ($\%_b$)	(%)	W_a/ SbX100	4.79

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORTH	
1	37.50	0	0.00	0.00	100.00	100.00	Gradation satisfies the MORT&H Specification for Dense graded bituminous macadam
2	26.50	173	4.31	4.31	95.69	90-100	
3	19.00	879	21.96	26.28	73.73	71-95	
4	13.20	680	16.99	43.26	56.74	56-80	
5	4.75	713	17.81	61.08	38.93	38-54	
6	2.36	376	9.39	70.46	29.54	28-42	
7	0.30	746	18.64	89.10	10.90	(7-21)	
8	0.08	267	6.66	95.76	4.24	(2-8)	

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Project Management Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01**

Job No: **TFU/BBMP/QC/EE/YLK/2025-26/QR-01**

Contractor **Sri Ravichandra. P**

Sl. No	Particulars of the Tests	Bituminous Concrete (BC)			
		Quantity	Frequency of Tests	Tests Required	Tests Carried Out
1	Quality of Binder	155.65	2 Test / lot	2	2
2	Rate of Spread of Tack Coat/ Prime Coat		3 Test / Day	3	3
3	Aggregate Impact Value		1 Test / 350 m^3	1	1
4	Combined Flakiness & Elongation Indices		1 Test / 350 m^3	1	1
5	Aggregate Stripping Value		1Test / Source of	1	1
6	Specific Gravity & Water Absorption of Aggregates		1Test / Source of Supply	1	1
7	Aggregate gradation		1 Test / 400 m^3	1	1
8	Marshal Stability of the Mix		3 Tests / Day	3	3
9	Binder content and Mix Gradation		2 Tests / Day	2	2

Note: Frequency of tests as per Specifications MORTH, V Revision, Section 900.

CONSULTANT

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Test Report

Quality of Bitumen

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 73 – 1992 & Specification for Road & Bridge Works, MORTH, Revision V.
Grade of Bitumen	60 / 70
Location	Sample collected @ Papanna Layout Main Road
Material	Bitumen
Sample No	1
Date	5-Jun-2025

Sl. No.	Description	Test Results	Requirement as per IS:73 - 1992
1	Penetration at 25°C , 1 / 10 mm	69	60 – 70
2	Softening Point, (°C)	52	45 – 55
3	Specific Gravity	1.1	Min. 0.97
4	Ductility at 27°C, in cm	80	Min. 75
5	Flash Point, (°C)	181	Min. 175

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Test Report

Quality of Bitumen

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 73 – 1992 & Specification for Road & Bridge Works, MORTH, Revision V.
Grade of Bitumen	60 / 70
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Bitumen
Sample No	2
Date	5-Jun-2025

Sl. No.	Description	Test Results	Requirement as per IS:73 - 1992
1	Penetration at 25°C , 1 / 10 mm	70	60 – 70
2	Softening Point, (°C)	54	45 – 55
3	Specific Gravity	1.1	Min. 0.97
4	Ductility at 27°C, in cm	83	Min. 75
5	Flash Point, (°C)	184	Min. 175

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Test Report

Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Location	Sample collected @ Papanna Layout Main Road
Material	Bitumen
Sample No	1
Date	12-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.656	1.655	1.653
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.016	0.015	0.013
6	Rate of spread (d/a)	kg / m^2	0.4	0.375	0.325
7	Average	kg / m^2	0.367		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.367 kg / m2

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Test Report

Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Location	Sample collected @ 6th Cross Road Near Papanna Layout Main Road
Material	Bitumen
Sample No	2
Date	12-Jun-2025

Sl. No.	Determination	Unit	Test No 1		
			Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.655	1.654	1.652
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.015	0.014	0.012
6	Rate of spread (d/a)	kg / m^2	0.375	0.35	0.3
7	Average	kg / m^2	0.342		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.342 kg / m2

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Test Report
Rate of Spread of Tack Coat

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Bitumen
Sample No	3
Date	12-Jun-2025

Sl. No.	Determination	Unit	Test No 1 Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.64	1.64	1.64
4	Final weight of plate after application of Tack Coat (c)	kg	1.657	1.656	1.654
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.017	0.016	0.014
6	Rate of spread (d/a)	kg / m^2	0.425	0.400	0.350
7	Average	kg / m^2	0.392		
8	Specified Limit	kg / m^2	Not less than 0.25 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.392 kg / m2

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Test Report

Aggregate Impact Value

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Papanna Layout Main Road
Material	Coarse Aggregate
Sample No	1
Date	5-Jun-2025

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1338	1341
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	378	381
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	75	78
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	303	303
6	Aggregate Impact Value (w4 / w3)x100	%	19.84	20.47
7	Specified Limit	%	30	

Results: Average Aggregate Impact Value: **20.16** %

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Test Report

Aggregate Particle Shape

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Sample collected @ Papanna Layout Main Road
Material	Coarse Aggregates
Sample No	1
Date	5-Jun-2025

I.S. Sieves Size		Weight of Retained Sample on Each Sieve (minimum 200 Pieces) (gm)	Flakiness Index		Elongation Index	
Passing through IS Sieves (mm)	Retained on IS Sieves (mm)		Thickness Gauge	Weight of Aggregates in each fraction passing on thickness gauges (gm)	Length Gauge	Weight of Aggregates in Fraction retained on length gauges (gm)
63	50	0	33.9	0	-	0
50	40	0	27	0	81	0
40	25	0	19.5	0	58.5	0
31.5	25	0	16.9	0	-	0
25	20	1601	13.5	281	40.5	281
20	16	1414	10.8	93	32.4	120
16	12.5	958	8.55	153	25.6	160
12.5	10	472	6.75	74	20.2	80
10	6.3	262	4.89	84	14.7	91
	SW	4707	SWf	685	SWe	732

Flakiness Index 14.55 %

Elongation Index 15.55 %

Combined Flakiness and Elongation Indices : 30.10 %

Comments: Maximum allowable Combined Flakiness and Elongation Indices for Bituminous Concrete is 35%.

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Test Report

Aggregate Stripping Value

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 6241 - 1971 & Specification for Road & Bridge Works, MORTH, Revision V.
Location	Laboratory-Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Material	Coarse Aggregates / Bitumen
Sample No	1
Date	5-Jun-2025
Type of Aggregate	Coarse Aggregate
Type of Binder	60 / 70 Grade
Percentage of Binder Used	5% by weight
Total weight of Aggregate	200 gms
Total weight of Binder	10 gms
Temperature of	40°C

Observation Number	Stripping Percentage	Average Percentage	Average Retained Coating (%)
1	3.50	3.6	96.4
2	3.67		
3	3.63		

Comments: Minimum allowable Aggregate Stripping Value for Bituminous Concrete is 95%

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Test Report

Specific Gravity and Water Absorption

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS: 2386 (Part - 111) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Laboratory-Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Material	Coarse Aggregates
Sample No	1
Date	5-Jun-2025

Sl. No.	Particulars	Computations	Test Numbers		Mean
			Test 1	Test 2	
1	Weight of Empty Basket Immersed in Water	W_1 g	763	762	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2055	2070	
3	Weight of Saturated Aggregate in water	W_3g = W_2- W_1	1292	1308	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2090	2095	
5	Weight of water equal to the Volume of the Aggregate	W_3- W_4	798	787	
6	Weight of Oven dried Aggregate	W_4g	2051	2066	
7	Specific Gravity	W_4/(W_3- W_4)	2.57	2.63	2.60
8	Apparent Specific Gravity	W_4/(W_4- W_4)	2.70	2.73	2.71
9	Water Absorption	(W_4- W_3)*100/ W_4	1.90	1.40	1.65

Comments: Maximum allowable Aggregate Water Absorption value for Bituminous Concrete is 2.0%.

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Test Report
Aggregate Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V.
Location	Laboratory-Sample collected @ Hot mix plant (5th Cross Road Kondappa Layout)
Material	Coarse Aggregates
Sample No	1
Date	5-Jun-2025

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORTH	
1	19.00	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Grade II Specification for Bituminous Concrete
2	13.20	672	16.80	16.80	83.20	72-100	
3	9.50	432	10.80	27.60	72.40	70-88	
4	4.75	242	6.05	33.65	66.35	53-71	
5	2.36	495	12.38	46.03	53.98	42-58	
6	1.18	331	8.28	54.30	45.70	34-48	
7	0.60	435	10.88	65.18	34.83	26-38	
8	0.30	381	9.53	74.70	25.30	18-28	
9	0.15	402	10.05	84.75	15.25	12-20)	
10	0.075	376	9.40	94.15	5.85	(4-10)	

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PROJECT MANAGEMENT SERVICES &TESTING DIVISION

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Test Report

Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant(Papanna Layout Main Road)
Material	Bituminous Concrete mix
Sample No	1
Date	12-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.35	**9 KN (min)**
2	Marshal Flow	mm	3.75	**2 – 4 mm**
3	Percent of Air Voids in mix	%	4.28	**3 – 6 %**
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	70.6	**65 – 75 %**
5	Density	g/cc	2.23	-

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Test Report

Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ Hot mix plant (6th Cross Road Near Papanna Layout Main Road)
Material	Bituminous Concrete mix
Sample No	2
Date	12-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.43	9 KN (min)
2	Marshal Flow	mm	3.90	2 – 4 mm
3	Percent of Air Voids in mix	%	4.40	3 – 6 %
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	72.01	65 – 75 %
5	Density	g/cc	2.33	-

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Test Report

Stability of Mix

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORTH, Revision V.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Bituminous Concrete mix
Sample No	3
Date	12-Jun-2025

Sl. No.	Description	Unit	Test 1	Requirements as per MORTH
1	Marshal Stability	KN	9.38	9 KN (min)
2	Marshal Flow	mm	3.85	2 – 4 mm
3	Percent of Air Voids in mix	%	4.35	3 – 6 %
4	Percent of Voids in Mineral Aggregates filled with Bitumen	%	71.96	65 – 75 %
5	Density	g/cc	2.25	-

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Test Report

Binder Content and Mix Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardena main and Cross roads in kempegowda ward no-01
Client	Asaistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORT&H, Revision V.
Location	Sample collected @ Papanna Layout Main Road
Material	Bituminous Concrete mix
Sample No	1
Date	12-Jun-2025

Sl. No.	Description	Unit	Computation	Test Result
1	Weight of Empty bowl before Extraction (E)	gm	Eb	1080
2	Weight of bowl + Sample before extraction (w_a)	gm	w_{ab}	1890
3	Weight of Sample taken for the test (S_b)	gm	$S_b = w_{ab} - Eb$	810
4	Weight of bowl + Sample after extraction (w_a)	gm	w_{as}	1846
5	Weight of Sample after extraction (i.e. washed aggregates) (S_a)	gm	$S_a = w_{as} - Eb$	766
6	Weight of Filter paper before extraction (F_b)	gm	F_b	2
7	Weight of Filter paper after extraction (F_a)	gm	F_a	4
8	Weight of filler on filter paper (F_d)	gm	$F_d = F_b - F_a$	2
9	Weight of Bitumen without considering Filter paper (W_b)	gm	W_b	44
10	Weight of the Bitumen with considering Filter paper (W_a)	gm	$W_a = w_b - F_d$	42
11	Percentage of the Bitumen (i.e. Binder Content) ($\%_b$)	(%)	$W_a / SbX100$	5.19

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	19.00	0.00	0.00	0.00	100.00	100.00	Gradation satisfies the MORT&H Grade II Specification for Bituminous Concrete
2	13.20	668.00	16.70	16.70	83.30	72-100	
3	9.50	428.00	10.70	27.40	72.60	70-88	
4	4.75	238.00	5.95	33.35	66.65	53-71	
5	2.36	491.00	12.28	45.63	54.38	42-58	
6	1.18	327.00	8.18	53.80	46.20	34-48	
7	0.60	431.00	10.78	64.58	35.43	26-38	
8	0.30	377.00	9.43	74.00	26.00	18-28	
9	0.15	398.00	9.95	83.95	16.05	12-20)	
10	0.08	372.00	9.30	93.25	6.75	(4-10)	

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Test Report

Binder Content and Mix Gradation

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	Bituminous Concrete (BC)
Contractor	Sri Ravichandra. P
Test Method	Specification for Road & Bridge Works, MORT&H, Revision V.
Location	Sample collected @ 5th Cross Road Kondappa Layout
Material	Bituminous Concrete mix
Sample No	2
Date	12-Jun-2025

Sl. No.	Description	Unit	Computation	Test Result
1	Weight of Empty bowl before Extraction (E)	gm	Eb	1080
2	Weight of bowl + Sample before extraction (w_a)	gm	w_{ab}	1876
3	Weight of Sample taken for the test (S_b)	gm	$S_b = w_{ab} - Eb$	796
4	Weight of bowl + Sample after extraction (w_a)	gm	w_{aa}	1834
5	Weight of Sample after extraction (i.e. washed aggregates) (S_a)	gm	$S_a = w_{aa} - Eb$	754
6	Weight of Filter paper before extraction (F_b)	gm	F_b	2
7	Weight of Filter paper after extraction (F_a)	gm	F_a	4
8	Weight of filler on filter paper (F_d)	gm	$F_d = F_b - F_a$	2
9	Weight of Bitumen without considering Filter paper (W_b)	gm	W_b	42
10	Weight of the Bitumen with considering Filter paper (W_a)	gm	$W_a = w_b - F_d$	40
11	Percentage of the Bitumen (i.e. Binder Content) ($\%_b$)	(%)	$W_a / SbX100$	5.03

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	19.00	0.00	0.00	0.00	100.00	100.00	Gradation satisfies the MORT&H Grade II Specification for Bituminous Concrete
2	13.20	666.00	16.65	16.65	83.35	72-100	
3	9.50	426.00	10.65	27.30	72.70	70-88	
4	4.75	236.00	5.90	33.20	66.80	53-71	
5	2.36	489.00	12.23	45.43	54.58	42-58	
6	1.18	325.00	8.13	53.55	46.45	34-48	
7	0.60	429.00	10.73	64.28	35.73	26-38	
8	0.30	375.00	9.38	73.65	26.35	18-28	
9	0.15	396.00	9.90	83.55	16.45	12-20)	
10	0.08	370.00	9.25	92.80	7.20	(4-10)	

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For Team For You

Project Management Services

QC Abstract

Name of the work: **Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01**

Sl. No	Particulars of the Tests	Frequency of Tests	Tests Required	Tests Carried Out
I	**Cement**		**53 Grade**	
1	Standard Consistency test	one test	1	1
2	Fineness test by dry sieving	one test	1	1
3	Fineness By Air Permeability method	one test	1	1
4	Density	one test	1	1
5	Intial setting time	one test	1	1
6	Final setting time	one test	1	1
7	Soundness test(Le Chatelier's Method)	one test	1	1
8	Compressive strength test	one test	1	1
i	3-days			
ii	7-days	one test	1	1
iii	28-days	one test	1	1
		one test	1	1
II	**Fine Aggregates**			
1	Sieve Analysis	one test	1	1
2	Water Absorbtion	one test	1	1
3	Specific Gravity	one test	1	1
4	Material finer than 75 micron	one test	1	1
		one test	1	1
III	**Coarse aggregates-20mm down size**			
1	Sieve Analysis	one test	1	1
2	Flakiness Index	one test	1	1
3	Elongation Index	one test	1	1
4	Specific Gravity	one test	1	1
5	Bulk density(Loose)	one test	1	1
6	Bulk density(compacted)	one test	1	1
7	Water Absorbtion	one test	1	1
8	Crushing value	one test	1	1
9	Impact test	one test	1	1

IV	**Coarse aggregates-40mm down size**			
1	Sieve Analysis	one test	1	1
2	Flakiness Index	one test	1	1
3	Elongation Index	one test	1	1
4	Specific Gravity	one test	1	1
5	Bulk density(Loose)	one test	1	1
6	Bulk density(compacted)	one test	1	1
7	Water Absorbtion	one test	1	1

CONSULTANT CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER EXECUTIVE ENGINEER

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PROJECT MANAGEMENT SERVICES &TESTING DIVISION

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Test Report

Pysical Properties of Cement

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	T4U/BBMP/EE/PS/Pkg-03/2022-23/QR-03
Contractor	Sri Ravichandra. P
Location	Laboratory (Sample collected @ stack area)
Sample condition	Satisfactory
Material	Cement 53 grade
Sample No	1
Date of test	28-May-2025
Temperature	28 degree C
Humidity	67%

Compressive strength				
Sl No	**Physical properties**	**Results**	**Requirement as per IS 12269:2013**	**Reference**
1	3 days	29.0 N/mm2	Not less than 27 N/mm2	IS 4031-Part6 Determination of of compressive Strength, Clause 6
2	7days	39.5 N/mm2	Not less than 37 N/mm2	IS 4031-Part6 Determination of of compressive Strength, Clause 6
3	28 days	59.5 N/mm2	Not less than 53 N/mm2	IS 4031-Part6 Determination of of compressive Strength, Clause 6

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Test Report

Pysical Properties of Cement

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Contractor	Sri Ravichandra. P
Location	Sample collected at Site
Sample condition	Satisfactory
Material	Cement 53 grade
Sample No	1
Date of test	28-May-2025
Temperature	24 degree C
Humidity	65%

Sl No	Physical properties	Results	Requirement as per IS 12269:2013	Reference
1	Fineness By Dry Sieving(%)	1.72	-	IS 4031-Part1 Determination of finess by Dry Sieving,Clause 4.4
2	Fineness By Air Permeability method(m2 /kg,Min)	293.4	225m2/kg,Min	IS 4031-Part2 Determination of finess by Blaine Air Permeability Method,Clause 5
3	Density(gm/cc)	3.13	-	IS 4031-Part 11 Determination of Density, Caluse6
4	Standard Consistency(%)	0.305	Not Specified	IS 4031-Part4 Determination of Consistency of standard cement paste, Caluse 5
5	Intial Setting Time	168minutes	Not less than 30 minuties	IS 4031-Part 5 Determination of Intial & final Setting time, Caluse 5
6	Final Setting Time	269minutes	Not more than 600 minuties	IS 4031-Part 5 Determination of Intial & final Setting time, Caluse 5
7	Soundness(Le Chatelier's Method)	4mm	Not more than 10mm	IS 4031-Part3 Determination of soundness by Le Chatelier's Method,Clause 6

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Test Report

Sieve Analysis

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V. & IS 1542 (1992): sand for plaster
Location	Sample collected at Site
Material	Fine Aggregates
Sample No	1
Date	28-May-2025

Weight of Sample(gram): 1000

Sl No.	IS Sieve Size	Weight retained (gms)	Cummulative Weight retained (gms)	% Cummulative Weight retained	% Passing	Requirement as per IS 1542 (1992): sand for plaster
						Grading
1	10mm	0.0	0.00	0.00	100	100
2	4.75 mm	20.0	20.00	2.00	98.00	95-100
3	2.36 mm	12.0	32.00	3.20	96.80	95-100
4	1.18 mm	15.0	47.00	4.70	95.30	90-100
5	600 µ	75.0	122.00	12.20	87.80	80-100
6	300 µ	575.0	697.00	69.70	30.30	20-65
7	150 µ	243.0	940.00	94.00	6.00	0-15
8	Pan	60.0	1000.00	100.00	0.00	-

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Test Report
Sieve Analysis

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V. & IS 2116 (1980): Sand for masonry mortars
Location	Sample collected at Site
Material	Fine Aggregates
Sample No	1
Date	28-May-2025

Weight of Sample(gram): 1000

Sl No.	IS Sieve Size	Weight retained (gms)	Cummulative Weight retained (gms)	% Cummulative Weight retained	% Passing	Requirement as per IS 2116 (1980): Sand for masonry mortars
						Grading
1	4.75 mm	0.00	0.00	0	100	100
2	2.36 mm	29.00	29.00	2.90	97.10	90-100
3	1.18 mm	204.00	233.00	23.30	76.70	70-100
4	600 µ	270.00	503.00	50.30	49.70	40-100
5	300 µ	202.00	705.00	70.50	29.50	5-70
6	150 µ	203.00	908.00	90.80	9.20	0-15
7	Pan	92.00	1000.00	100	0	0

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Test Report
Sieve Analysis

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V. & IS 383:2016
Location	Sample collected at Site
Material	Fine Aggregates
Sample No	1
Date	28-May-2025

Weight of Sample(gram): 1000

Sl No.	IS Sieve Size	Weight retained (gms)	Cummulative Weight retained (gms)	% Cummulative Weight retained	% Passing	Requirement as per IS 383:2016
						Grading Zone-II
1	10 mm	0.00	0.00	0.00	100	100
2	4.75 mm	29.00	29.00	2.90	97.10	90-100
3	2.36 mm	57.00	86.00	8.60	91.40	75-100
4	1.18 mm	241.00	327.00	32.70	67.30	55-90
5	600 µ	208.00	535.00	53.50	46.50	35-59
6	300 µ	207.00	742.00	74.20	25.80	8-30
7	150 µ	193.00	935.00	93.50	6.50	0-10
8	Pan	65.00	1000.00	100.00	0.00	-

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Test Report
Sieve Analysis

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V. & IS 383:2016
Location	Laboratory (Sample collected @ stack area)
Material	Coarse Agregate-20mm down size
Sample No	1
Date	28-May-2025

Weight of Sample(gram): 5000

Sl No.	IS Sieve Size	Weight retained (gms)	Cummulative Weight retained (gms)	% Cummulative Weight retained	% Passing	Requirement as per IS 383-2016
						Grading
1	40 mm	0.00	0.00	0.00	100.00	100
2	20 mm	221.00	221.00	4.42	95.58	90-100
3	10 mm	2653.00	2874.00	57.48	42.52	25-55
4	4.75 mm	1809.00	4683.00	93.66	6.34	0-10
5	pan	317.00	5000.00	100.00	0.00	-

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Test Report
Sieve Analysis

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V. & IS 383:2016
Location	Sample collected at Site
Material	Coarse Agregate-40mm down size
Sample No	1
Date	28-May-2025

Weight of Sample(gram): 15000

Sl No.	IS Sieve Size	Weight retained (gms)	Cummulative Weight retained (gms)	% Cummulative Weight retained	% Passing	Requirement as per IS 383-2016
						Grading
1	80 mm	0.00	0.00	0.00	100.00	100.0
2	40 mm	187.00	187.00	1.25	98.75	90-100
3	20 mm	7276.00	7463.00	49.75	50.25	30-70
4	10 mm	4074.00	11537.00	76.91	23.09	10-35
5	4.75 mm	3000.00	14537.00	96.91	3.09	0-5
6	pan	463.00	15000.00	100.00	0.00	-

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Test Report on Fine Aggregates

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORTH, Rev. V. & IS 383:2016
Location	Sample collected at Site
Material	Fine Aggregates
Sample No	1
Date	28-May-2025

Sl No	Physical properties	Results	Requirement as per IS 383-2016
1	Water absorbtion(%)	1.52	-
2	Specific gravity	2.56	-
3	Material finer than 75 micron(%)	6.7	Uncrushed Fine Aggregate Max 3% crushed Fine Aggregate Max 15% Mixed Fine Aggregate Max 12% Manufactured Fine Aggregate Max 10%

A.E.E.

For Team For You

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report on Coarse Aggregates

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V. & IS 383:2016
Location	Laboratory (Sample collected @ stack area)
Material	Coarse Agregate-20mm down size
Sample No	1
Date	28-May-2025

Sl No	Physical properties	Results	Requirement as per IS 383-2016
1	Flakiness Index (%)	9.4	Combined Flakiness & Elongation Index shall not exceed 40% for crushed and uncrushed Aggregate
2	Elongation Index (%)	10.3	
3	Specific gravity	2.61	-
4	Bulk density(Loose)(Kg/l)	1.58	-
5	Bulk density(Compacted)(Kg/l)	1.61	-
6	Water Absorbtion(%)	0.22	-
7	Aggregate Crushing Value(%)	23.6	Max 30% for aggregates to be used in concrete for wearing surface, in case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for aggregates to be used in concrete other than for wearing surface
8	Aggregate Impact Value(%)	24.8	30% for aggregates to be used in concrete for wearing surface, 45% for aggregates to be used in concrete other than wearing surface

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Test Report on Coarse Aggregates

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V. & IS 383:2016
Location	Laboratory (Sample collected @ stack area)
Material	Coarse Agregate-40mm down size
Sample No	1
Date	28-May-2025

Sl No	Physical properties	Results	Requirement as per IS 383-2016
1	Flakiness Index (%)	9.50	Combined Flakiness & Elongation Index shall not exceed 40% for crushed and uncrushed Aggregate
2	Elongation Index (%)	11.20	
3	Specific gravity	2.65	-
4	Bulk density(Loose)(Kg/l)	1.52	-
5	Bulk density(Compacted)(Kg/l)	1.54	-
6	Water Absorbtion(%)	0.20	-

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Project Management & Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01**

Job No: **TFU/BBMP/QC/EE/YLK/2025-26/QR-01**

Contractor **Sri Ravichandra. P**

Sl. No	Particulars of the Tests	DLC(1:5:10)			
		Quantity	Frequency of Tests	Tests Required	Tests Carried Out
I	**Cement**	51.53	OPC 43 Grade		
1	Consistency test		1Test / Source of Supply	1	1
2	Fineness test		1Test / Source of Supply	1	1
3	Soundness test		1Test / Source of Supply	1	1
II	**Fine Aggregates**				
4	Gradation test		1Test / Day	1	1
5	Water absorption test		Regular Intervals	1	1
III	**Coarse aggregates**				
6	Gradation test		1Test / Day	1	1
7	Water absorption test		Regular Intervals	1	1
8	Impact test		1Test / Source of Supply	1	1

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

CONSULTANT

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Test Report
Consistency test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Sample collected @ Stack area
Material	Cement
Sample No	1
Date	30-May-2025

Sl. No.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	28.5	29.5	30	31
3	Weight of Water (gm)	108	114	118	120	124
4	Initial Reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	22	20	12	6.6	6

Results: Standard Consistency of Cement: 31.00%

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Test Report
Fineness test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Sample collected @ Stack area
Material	Cement
Sample No	1
Date	30-May-2025

Sl. No.	Determination	Trial 1	Trial 2
1	Weight of Cement before sieve (gm)	100	100
2	Weight of residue retained on 90um sieve (gm)	3.0	3.3
3	Percentage retained (%)	3.0	3.3
4	Average Percentage retained (%)	3.15	

Results: Residue of cement is: 3.65%

Comments: Maximum allowable residue by mass for ordinary portlad cement is 10%

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Test Report
Soundness test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 4031 (Part 3) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Sample collected @ Stack area
Material	Cement
Sample No	1
Date	30-May-2025

Sl. No.	Description	Trial 1	Trial 2	Trial 3
1	Initial Distance between the indicator points of Lechatelier mould	11	10	11
2	Final Distance between the indicator points of Lechatelier mould	12	13	14
3	Difference or expansion	1.0	3.0	3.0
4	Average Differences or Expansion in mm		2.3	

Results: Difference in Expansion of Cement: 4mm

Comments: Maximum allowable Expansion of cement is 10mm.

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Test Report
Gradation test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Sample collected @ Stack area
Material	Fine Aggregates
Sample No	1
Date	30-May-2025

Weight of Sample(gram): 200

Sl No.	IS Sieve Size	Weight retained	% retained	% Cumulative	Cumulative % of Passing		Remarks
					% Passing	Gradation limits	
1	10 mm	0	0.0	0.0	100.0	100	Gradation satisfies the MORT&H Zone II Specification
2	4.75 mm	15	7.5	7.5	92.5	90-100	
3	2.36 mm	21	10.5	18.0	82.0	75-100	
4	1.18 mm	18	9.0	27.0	73.0	55-90	
5	600 µ	30	15.0	42.0	58.0	35-59	
6	300 µ	65	32.5	74.5	25.5	8-30	
7	150 µ	41	20.5	95.0	5.0	0-10	

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Test Report
Gradation test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Sample collected @ Stack area
Material	Coarse aggregates
Sample No	1
Date	30-May-2025

Weight of Sample: 4000 gms

Sl. No	I.S. Sieve size	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	31.5mm	0	0.00	0.00	100.00	100	Material Satisfies the DLC Gradation
2	26.5mm	512	12.80	12.80	87.20	85-95	
3	19mm	330	8.25	21.05	78.95	68-88	
4	9.5mm	625	15.63	36.68	63.33	45-65	
5	4.75mm	412	10.30	46.98	53.03	30-55	
6	600 µ	943	23.58	70.55	29.45	8-30	
7	300 µ	845	21.13	91.68	8.33	5-15	
8	150 µ	260	6.50	98.18	1.83	0-5	

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Test Report

Water absorption test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra. P
Test Method	IS : 2386 (Part - 3) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Sample collected @ Stack area
Material	Coarse aggregates
Sample No	1
Date	30-May-2025

Sl. No.	Particulars	Computations	Test Numbers		Mean
			Test 1	Test 2	
1	Weight of SSD sample	W_1 g	765	765	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2040	2060	
3	Weight of Saturated Aggregate in water	W_3g = W_2- W_1	1275	1295	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2075	2085	
5	Weight of water equal to the Volume of the Aggregate	W_3- W_4	800	790	
6	Weight of Oven dried Aggregate	W_4g	2036	2056	
7	Specific Gravity	W_4/(W_3- W_5)	2.55	2.60	2.57
8	Apparent Specific Gravity	W_4/(W_4- W_5)	2.68	2.70	2.69
9	Water Absorption	(W_4- W_3)*100/ W_4	1.92	1.41	1.67

Comments: Maximum allowable Aggregate Water Absorption value for PQC is 2.0%.

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PROJECT MANAGEMENT SERVICES &TESTING DIVISION

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Test Report
Impact test

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	DLC(1:5:10)
Contractor	Sri Ravichandra, P
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Sample collected @ Stack area
Material	Coarse aggregates
Sample No	1
Date	30-May-2025

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1320	1325
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	360	365
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	75	76
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	285	289
6	Aggregate Impact Value (w4 / w3)x100	%	20.83	20.82
7	Specified Limit	%	20.83	

Results: Average Aggregate Impact Value: **20.83** %

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For Team For You

Project Management Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01

Job No: TFU/BBMP/QC/EE/YLK/2025-26/QR-01

Contractor Sri Ravichandra. P

Item no	Particulars of the Tests	Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
12	Concrete(M30) For CC Road	51.53	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	5	5
	Compressive strength test				
	7-days				
	28-days				

Note: Frequency of tests as per Specifications MORTH, V Revision, Section 900.

Consultant

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at Pappanna Layout Near SWD Drain Parallel
Material	M30 Concrete for Road
Sample No	1
Casting Date	5-Jun-2025
Tested Date	12-Jun-2025

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	7	7.23	150x150 x150	2142.22	579	0.0225	25.73	26.01
2	30	7	7.41	150x150 x150	2195.56	591	0.0225	26.27	
3	30	7	7.36	150x150 x150	2180.74	586	0.0225	26.04	

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condition	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 2nd Cross Road From Munithimmayya Layout Main Road
Material	M30 Concrete for Road
Sample No	2
Casting Date	5-Jun-2023
Tested Date	12-Jun-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	7	7.31	150x150 x150	2165.93	582	0.0225	25.87	26.03
2	30	7	7.28	150x150 x150	2157.04	581	0.0225	25.82	
3	30	7	7.45	150x150 x150	2207.41	594	0.0225	26.40	

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TEAM FOR YOU

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 1st Cross Road From Munithimmayya Layout Main Road
Material	M30 Concrete for Road
Sample No	3
Casting Date	5-Jun-2023
Tested Date	12-Jun-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	7	7.34	150x150 x150	2174.81	581	0.0225	25.82	26.10
2	30	7	7.52	150x150 x150	2228.15	593	0.0225	26.36	
3	30	7	7.47	150x150 x150	2213.33	588	0.0225	26.13	

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 1st Cross Road From Kondappa Layout Main Road
Material	M30 Concrete for Road
Sample No	4
Casting Date	5-Jun-2023
Tested Date	12-Jun-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	7	7.42	150x150 x150	2198.52	585	0.0225	26.00	26.16
2	30	7	7.39	150x150 x150	2189.63	584	0.0225	25.96	
3	30	7	7.56	150x150 x150	2240.00	597	0.0225	26.53	

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at Pappanna Layout Near SWD Drain Parallel
Material	M30 Concrete for Road
Sample No	5
Casting Date	5-Jun-2023
Tested Date	12-Jun-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	7	7.43	150x150 x150	2201.48	583	0.0225	25.91	26.19
2	30	7	7.61	150x150 x150	2254.81	595	0.0225	26.44	
3	30	7	7.56	150x150 x150	2240.00	590	0.0225	26.22	

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at Pappanna Layout Near SWD Drain Parallel
Material	M30 Concrete for Road
Sample No	1
Casting Date	5-Jun-2025
Tested Date	3-Jul-2025

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	28	7.65	150x150 x150	2266.67	735	0.0225	32.67	32.50
2	30	28	7.54	150x150 x150	2234.07	728	0.0225	32.36	
3	30	28	7.61	150x150 x150	2254.81	731	0.0225	32.49	

A.E.E.

For Team For You

Authorised Signature

102, 3rd Cross, 1st Main, Kottigepalya, Magadi Main Road, Bangalore - 560 091.

+91 9916889374 team4upms@gmail.com,info@team4upms.com

TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 2nd Cross Road From Munithimmayya Layout Main Road
Material	M30 Concrete for Road
Sample No	2
Casting Date	5-Jun-2023
Tested Date	3-Jul-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	28	7.48	150x150 x150	2216.30	726	0.0225	32.27	32.28
2	30	28	7.55	150x150 x150	2237.04	729	0.0225	32.40	
3	30	28	7.46	150x150 x150	2210.37	724	0.0225	32.18	

E.E.

For Team For You

Authorised Signature

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 1st Cross Road From Munithimmayya Layout Main Road
Material	M30 Concrete for Road
Sample No	3
Casting Date	5-Jun-2023
Tested Date	3-Jul-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	28	7.76	150x150 x150	2299.26	737	0.0225	32.76	32.59
2	30	28	7.65	150x150 x150	2266.67	730	0.0225	32.44	
3	30	28	7.72	150x150 x150	2287.41	733	0.0225	32.58	

A.E.E.

For Team For You

Authorised Signature

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TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

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Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at 1st Cross Road From Kondappa Layout Main Road
Material	M30 Concrete for Road
Sample No	4
Casting Date	5-Jun-2023
Tested Date	3-Jul-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	28	7.59	150x150 x150	2248.89	729	0.0225	32.40	32.41
2	30	28	7.66	150x150 x150	2269.63	732	0.0225	32.53	
3	30	28	7.57	150x150 x150	2242.96	727	0.0225	32.31	

A.E.E.

For Team For You

Authorised Signature

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team4upms@gmail.com,info@team4upms.com

TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report

Concrete Compresive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Sample condtion	Satisfactory
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 methods of tests for strength of concrete Cl.5
Location	Sample collected at Pappanna Layout Near SWD Drain Parallel
Material	M30 Concrete for Road
Sample No	5
Casting Date	5-Jun-2023
Tested Date	3-Jul-2023

Cube	Concrete Grade (N/mm2)	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength
1	30	28	7.85	150x150 x150	2325.93	739	0.0225	32.84	32.68
2	30	28	7.74	150x150 x150	2293.33	732	0.0225	32.53	
3	30	28	7.81	150x150 x150	2314.07	735	0.0225	32.67	

A.E.E.

For Team For You

Authorised Signature

102, 3rd Cross, 1st Main, Kottigepalya, Magadi Main Road, Bangalore - 560 091.

team4upms@gmail.com,info@team4upms.com

For Team For You

Project Management & Consultancy Services

QC Abstract

Name of the work: Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01

Job No: TFU/BBMP/QC/EE/YLK/2025-26/QR-01

Contractor Sri Ravichandra. P

Sl. No	Particulars of the Tests	Frequency of Tests	Tests Required	Tests Carried Out
I	**Precast cover slab (100mm)**			
1	Core compressive strength	one test	1	1
2	corrected Cylinder Compressive strength	one test	1	1
3	Equivalent Cube Compressive strength	one test	1	1

CONSULTANT

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

EXECUTIVE ENGINEER

TEAM FOR YOU

PROJECT MANAGEMENT SERVICES &TESTING DIVISION

NABL Accredited As Per ISO/IEC : 17025:2017

ISO 9001 : 2015 Certified Company

Test Report

Core compressive strength

Project Name	Resurfacing of roads at Munithimmaiah Layout, Kondappa gardens main and Cross roads in kempegowda ward no-01
Client	Assistant Executive Engineer-Yelahanka Sub Division
Job No	TFU/BBMP/QC/EE/YLK/2025-26/QR-01
Mix Type	M15 (1:2:4)
Contractor	Sri Ravichandra. P
Test Method	IS : 516-1959 Methods of tests for Strength of concrete
Location	Laboratory -Sample collected at Papanna Layout Main Road
Sample Condition	Satisfactory
Material	Precast cover slab (100mm)
Sample No	slab
Date	10-Jul-2025

Sl No	Identification mark	Diameter of Core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	corrected Cylinder Compressive strenght	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	Cover slab-1	75.05	100.13	2.215	4421.51	83.71	18.93	17.61	22.01
2	Cover slab-2	75.01	100.02	2.205	4416.80	83.49	18.90	17.58	21.97
3	Cover slab-3	75.03	100.07	2.209	4419.16	83.58	18.91	17.59	21.99

For Team For You

A.E.E.

Authorised Signature

102, 3rd Cross, 1st Main, Kottigepalya, Magadi Main Road, Bangalore - 560 091.

team4upms@gmail.com,info@team4upms.com

Photos

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
No 58th 8th Cross 6th Main Agrahara Layout, Rto Yelahanka Singhanayakalli, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102879° Long 77.608276°

GPS Map Camera
Bengaluru, Karnataka, India
21, Papanna Layout, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.103396° Long 77.607905°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01
Job Code No:001- 25-00023

GPS Map Camera
Bengaluru, Karnataka, India
4j35+287, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.10223° Long 77.608264°

GPS Map Camera
Bengaluru, Karnataka, India
4j25+r9j, 8th Cross Rd, 1st Stage, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102182° Long 77.60828°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
4j35+287, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102306° Long 77.608178°

GPS Map Camera
Bengaluru, Karnataka, India
4j24+ww, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102358° Long 77.60741°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

5th CROSS ROAD, KONDAPPA LAYOUT
For Complaints
GPS Map Camera
Bengaluru, Karnataka, India
4j24+ww, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102282° Long 77.607448°

GPS Map Camera
Bengaluru, Karnataka, India
4j25+x8r, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102582° Long 77.608314°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

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Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
4j35+287, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102315° Long 77.608169°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
16/a, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.10246° Long 77.607184°

GPS Map Camera
Bengaluru, Karnataka, India
Sri Srinivasa Nilaya, 31, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102684° Long 77.607225°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

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Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
21, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102603° Long 77.607016°

GPS Map Camera
Bengaluru,Karnataka,India
1st Main Road, Palanahalli, Bengaluru, Karnataka 560064, India
Lat 13.102408, Long 77.607190

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

GPS Map Camera
Bengaluru, Karnataka, India
26, Kondappa Garden Layout, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102229° Long 77.607909°

GPS Map Camera
Bengaluru, Karnataka, India
26, Kondappa Garden Layout, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102229° Long 77.607909°

A.E.E.

Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

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GPS Map Camera
Bengaluru, Karnataka, India
4j35+287, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102256° Long 77.608076°

GPS Map Camera
Bengaluru, Karnataka, India
4j35+287, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.102227° Long 77.608085°

A.E.E.

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Job Code No:001- 25-000023

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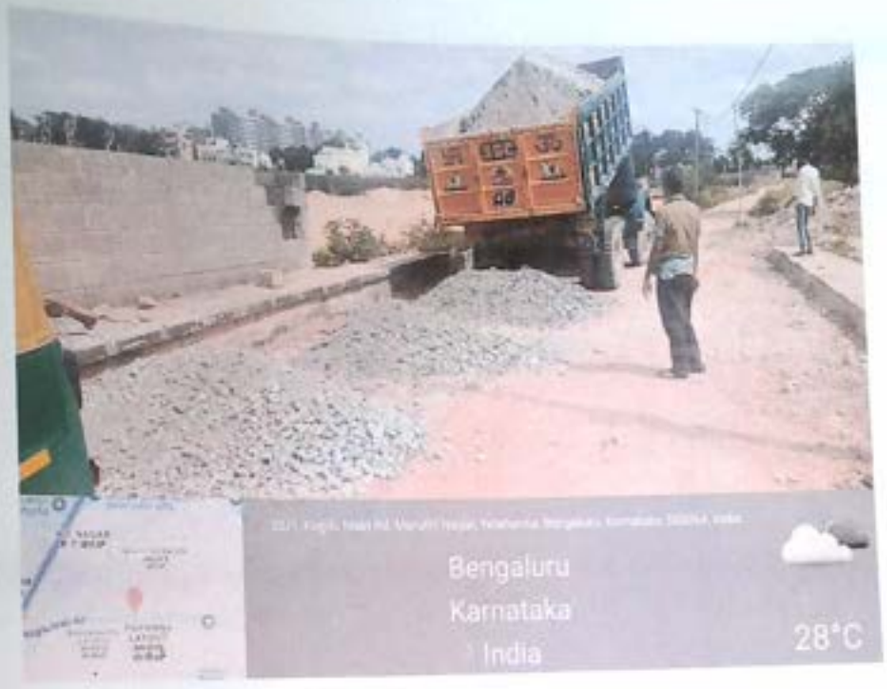
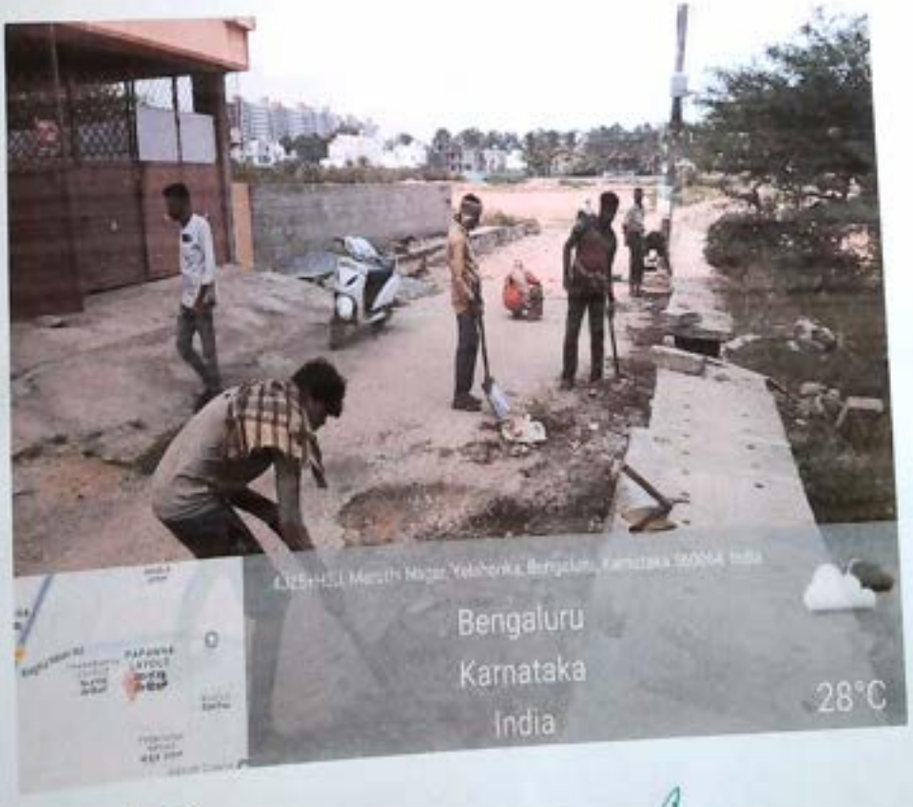
Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023





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Job Code No:001- 25-000023

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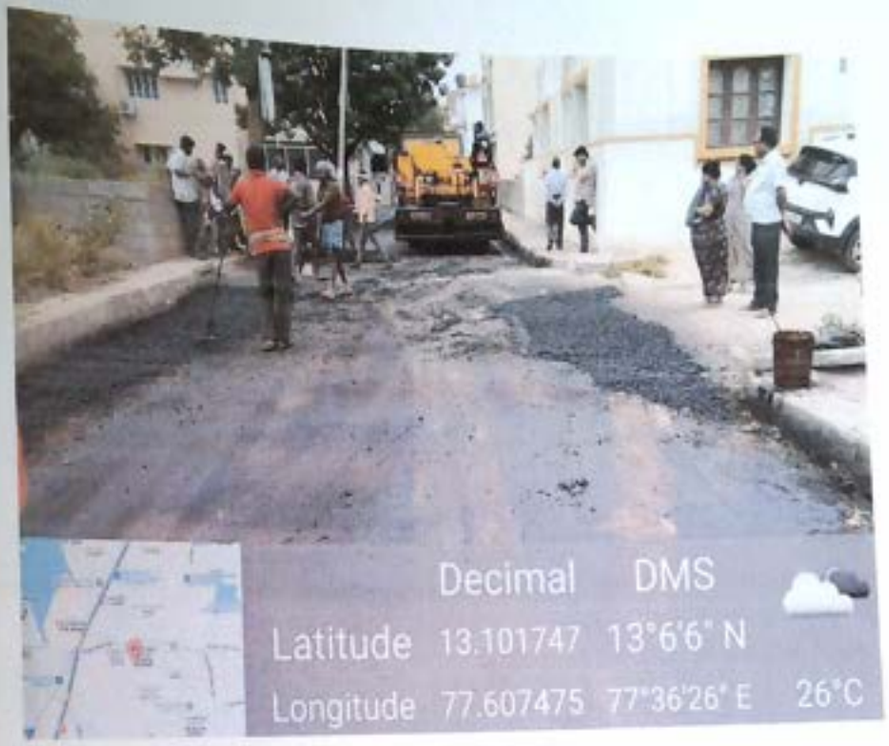
Job Code No:001- 25-000023



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Name of work :-Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads In Kempegowda Ward No-01

Job Code No:001- 25-000023

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Job Code No:001- 25-000023

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Name of Work : Resurfacing of Roads at Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads in Kempegowda Ward No. 01

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A.E.E.

Name of Work : Resurfacing of Roads at Munithimmaiah Layout, Kondappa Gardens Main and Cross Roads in Kempegowda Ward No. 01

A.E.E.

Issuance of LoI

To,

P RAVICHANDRA
#562 DOWN BAZAR STREET YALAHANKA

Dear Tenderer,

Sub: Letter of Intent for LoI No: BBMP/2025-26/LOI3169

Department name & Code:	BBMP - Bruhat Bengaluru Mahanagara Palike
Tender Category:	WORKS
Tender No:	BBMP/2024-25/OW/WORK_INDENT6870
Tender Title:	Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01
Tender Description:	Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01
Bid Number:	B5876418
Bid/Negotiated Amount:	4363443.03
Bid/Negotiated Amount (Words):	Fourty Three Lakh Sixty Three Thousand Four Hundred and Fourty Three (dot) Zero Two Eight Four Only
Supplier Registration Number:	S57018
Supplier Name:	RAVICHANDRA P
LoI Issued Date:	21-04-2025
Last date for acceptance of LoI:	15-05-2025

With reference to the works procurement as mentioned above, we are pleased to inform you that your bid has been accepted for the above-mentioned procurement. You are requested for kind submission of security deposit / performance guarantee in prescribed format for issue of Work Order. Please find enclosed other details in the form of Annexure (if any).

You are requested to kindly confirm acceptance of this LoI with submission of fixed deposit / performance bank guarantee within the prescribed time as mentioned in Karnataka Public Procurement portal.

Yours faithfully,
SUDHAKARA REDDY
BBMP_EE_YEL_DIV

Name of Official:
Designation:

This is a system generated LoI does not require physical signature.

Signature Not Verified
Digitally signed by SUDHAKARA REDDY
Date: 2025.04.21 13:40:39 IST

BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/EE/YNK.D/KPPP-16/W.O/ 17 /2025-26

Office of the Executive Engineer,
Yelahanka Division
B.B.M.P. Bangalore-64
Date: 26/05/2025

To,
SRI.RAVICHANDRA.P
No :562, Down Bazaar Road,
Yelahanka, Bangalore-560064

WORK ORDER

Sub: "Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01"

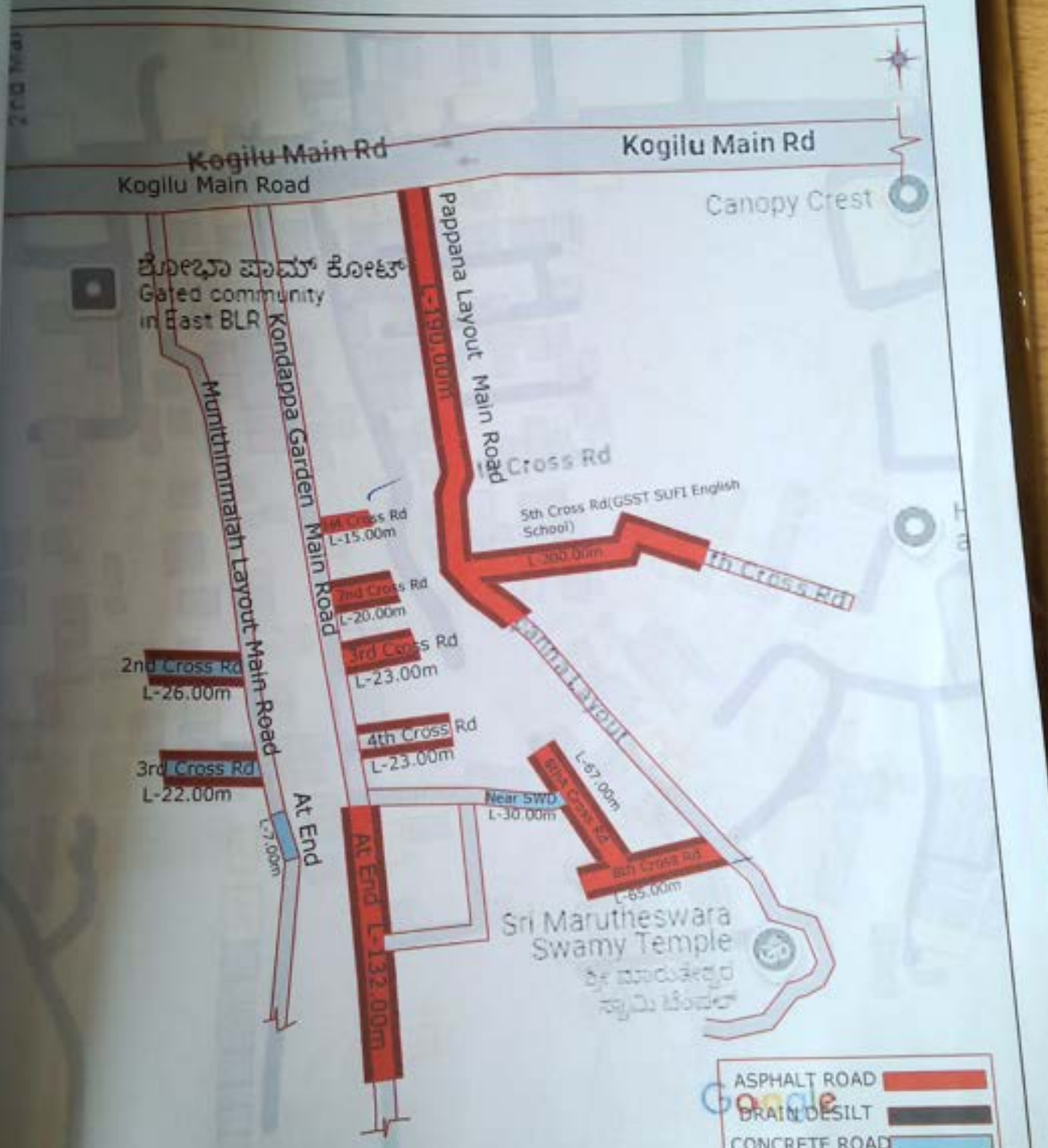
Ref: Your Agreement No: EE/YNK/KPPP-16/AG/ 10 /2025-26 Dated: 26/05/2025

* * * * *

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 24.1 and signing of the contract agreement for the "Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01" Tender Price of Rs.43,63,443/- (Rupees Forty Three lakhs Sixty Three Thousand Four Hundred Forty Three Only) and 18% GST Rs.7,85,420/- (Rupees Seven Lakhs Eighty Five Thousand Four Hundred Twenty Only)Hence you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents the stipulated time for the completion of the work is 90 days from the date of issuing work order.

26/05/25

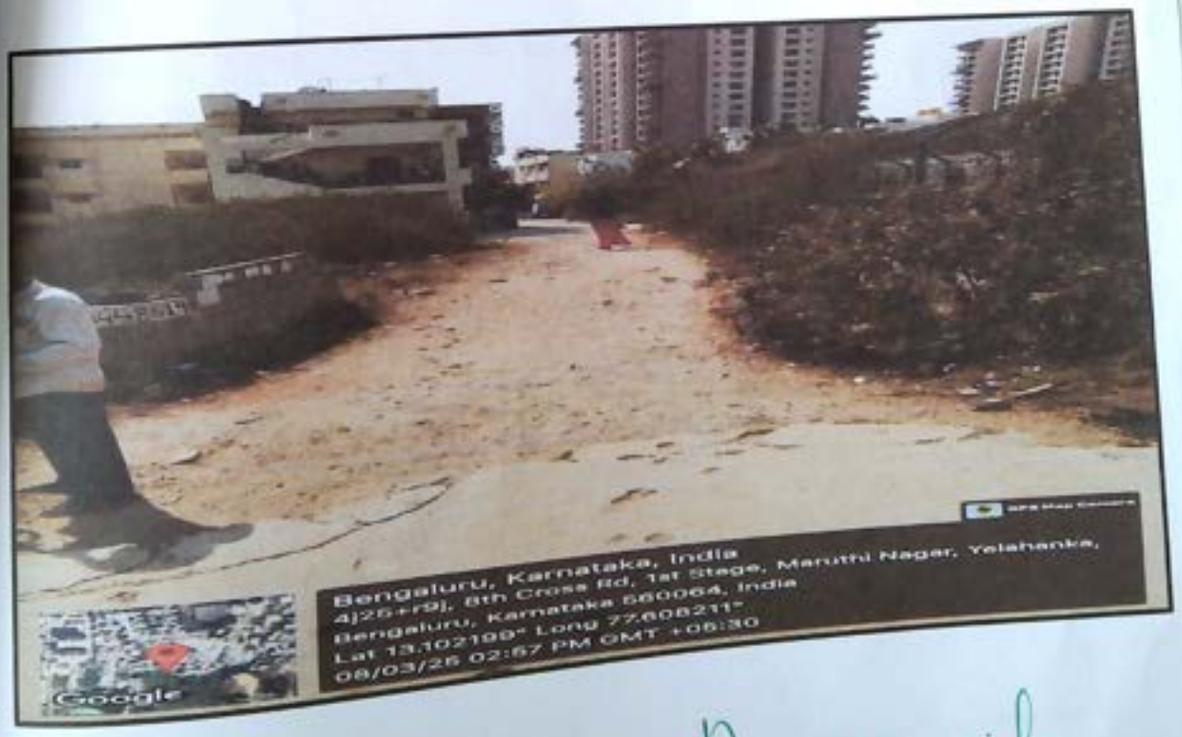
Executive Engineer
Yelahanka Division
Bruhat Bangalore Mahanagara Palike
Bangalore-64



Asst. Executive Engineer
Yelahanka Sub Div

Name of Work-"Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main And Cross Roads in Kempegowda Ward No-01"

Bengaluru, Karnataka, India
16, Papanna Layout, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.103016° Long 77.607995°
08/03/25 03:01 PM GMT +05:30
Google


Bengaluru, Karnataka, India
4J25+r9J, 8th Cross Rd, 1st Stage, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102199° Long 77.608211°
08/03/25 02:57 PM GMT +05:30
Google

Asst. Executive Engineer
Yelahanka Sub. Divn.
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work-"Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main And Cross Roads in Kempegowda Ward No-01"

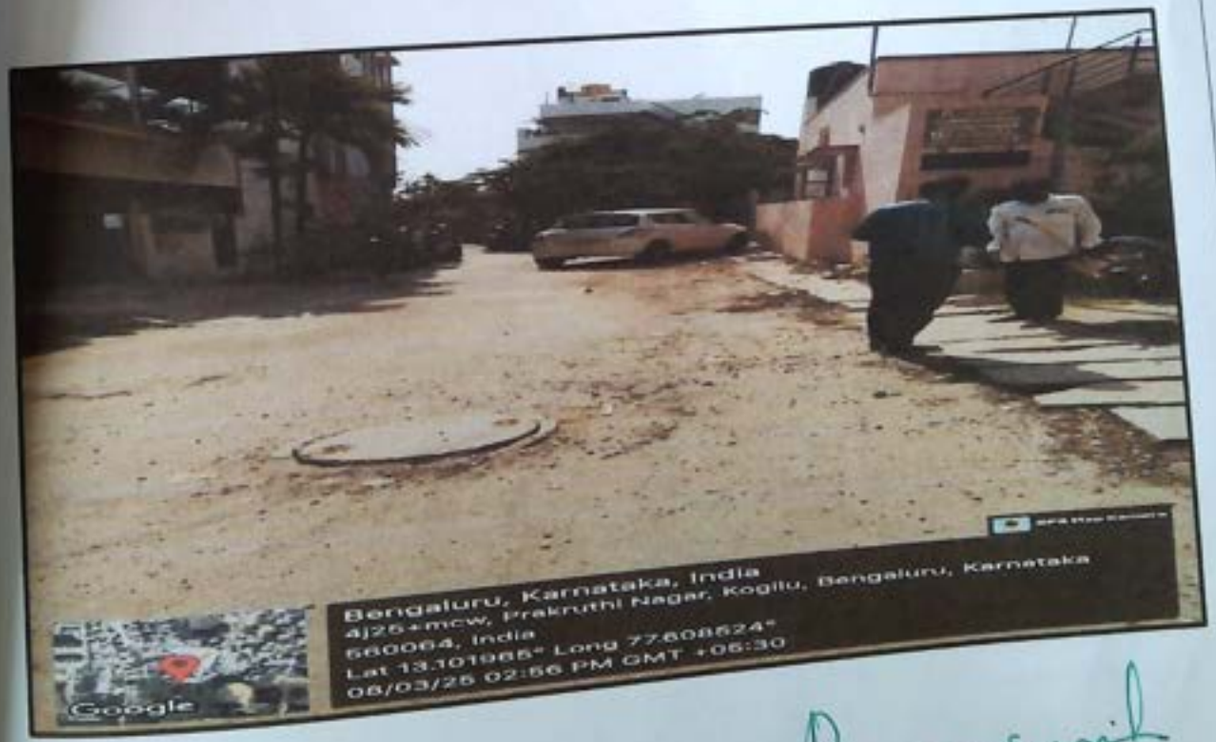
Bengaluru, Karnataka, India
Adilakshmi Nilayam, 1, Papanna Layout, Kondappa Garden Layout, Maruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.101892° Long 77.808752°
08/03/25 02:56 PM GMT +05:30
Google

Bengaluru, Karnataka, India
4J25+R9, 8th Cross Rd, 1st Stage, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102013° Long 77.808481°
08/03/25 02:57 PM GMT +05:30
Google

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work-"Resurfacing of Roads At Munithimmaiah Layout, Kondappa Gardens Main And Cross Roads in Kempegowda Ward No-01"

Bengaluru, Karnataka, India
4J25+rBJ, 8th Cross Rd, 1st Stage, Maruthi Nagar, Yelahanka, Bengaluru, Karnataka 560064, India
Lat 13.102186° Long 77.608276°
08/03/25 02:58 PM GMT +05:30
Google


Bengaluru, Karnataka, India
4J25+mcw, Prakruthi Nagar, Kogilu, Bengaluru, Karnataka 560064, India
Lat 13.101985° Long 77.608524°
08/03/25 02:56 PM GMT +05:30
Google

Asst. Executive Engineer
Yelahanka Sub. Divn.
(BBMP Ynk. Zn)
Yelahanka, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496190

Serial No. 1st & Final Bill

Name of work Resurfacing of roads at Munithimaiah layout, Kondappa Gardens main and Cross roads in Kempegowda ward no. 01.

Name of Contractor of nature of Agency ..... From ..... To .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Job code no: 001-25-000023, Est cost: 50.00 Lakhs, P- 3863						
	Work order no: BBMP/EE/YNK/KPPP-16/WO/17/25-26, Dt: 26/05/25						
	Aggrement no: EE/YNK/KPPP-16/AG/10/25-26, Dt: 26/05/25.						
	Name of Agency: Smt. Ravichandra.P						
	#562, Down Bazaar road,						
	Yelahanka, Bangalore-560064						
	Date of commencement: 26/05/2025						
	Date of completion: 12/07/2025						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Removing & Resetting of Footpath Slab Qty vide Ref Emb bill						
			520.56			520.56 m² @ Rs: 242.05/Sqm	Rs: 126001.55
	2) Earthwork excavation by manual means for drains, canals, waste weir, draft, approach channels Qty vide ref Emb bill						
			259.97			259.97 m³ @ Rs: 371.62/Cum	Rs: 96610.05
	3) Providing & fixing precast reinforced cement concrete covering slabs of 10cm thick made of M20 with opc cement. Qty vide ref Emb bill						
			130.14			130.14 m² @ Rs: 2134.16/Sqm	Rs: 277739.58
	4) D.S marking of cement concrete pavement by mechanical means						

Serial No. .....
Name of work .....
Name of Contractor of
Date of commenceme

Date	Full desc
1	
	using
	5) Earthw lowor
	6) Provi aggr

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496191

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	using Pneumatic tools, breaking to pieces not exceeding 0.02 m^3					
	Qty vide ref Emb bill					
	33.53 m^3 @ RS: 637.88/cum				RS: 21388.12	
5)	Earthwork in surface excavation by mechanical means for lowering & levelling the ground.					
	Qty vide ref Emb bill					
	187.50 m^3 @ RS: 107.64/cum				RS: 20182.50	
6)	providing, laying, spreading & compacting graded stone aggregate to wet mix macadam specification.					
	Qty vide ref Emb bill					
	160.99 m^3 @ RS: 2899.35/cum				RS: 466766.36	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) providing & applying prime coat with SS1 grade bitumen emulsion on prepared surface. Qty vide Jeb Enb bill						
		715.50 m^2 @ RS: 46.45/sqm				RS: 33234.98	
	8) providing & applying tack coat with VG-10 bitumen using pressure distributor at the rate of 0.20 kg/m^2. Qty vide Jeb Enb bill						
		3891.20 m^2 @ RS: 13.60/sqm				RS: 52920.32	
	9) providing & laying dense graded - Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates. Qty vide Jeb Enb bill						
		47.33 m^3 @ RS: 10705.72/cum				RS: 506658.90	
	10) providing & laying bituminous concrete with 40/60 TPH capacity						

A.E.E

Reference to last Measurement 8
bitumen
33234.98
using pressure
52920.32
plan with
06658.90
rph capacity

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496192

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10)	providing hot mix plant using crushed aggregates. Qty vide ref EMB bill.						
	155.63 m^3 @ Rs: 12410.88/cum					Rs: 1931753.47	
11)	dry lean cement sub-base construction of dry lean cement concrete sub-base over a prepared sub-grade. Qty vide ref E-mb sheet.						
	51.530 m^3 @ Rs: 5574.36/cum					Rs: 287246.77	
12)	providing & constructing un-reinforced plain cement concrete pavement, with 43 grade M30 (ready) coarse & fine aggregates.						

A.E.E.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide ref EMB Bill					
	13) providing & laying of hot applied thermoplastic compound 2.5mm thick.	51.53 m^3 @ Rs: 7652.28/cum				Rs:	394321.99
		Qty vide ref EMB Bill					
	14) Cost of Haulage excluding loading & unloading taking output 25t. load & lead 10km.	142.40 m^2 @ Rs: 600.49/sqm				Rs:	85509.78
		Qty vide ref Emb bill					
		643.16 m^3 @ Rs: 90.64/cum				Rs:	58296.02
						Sub-Total Amount in Rs:	4358630.38
						Add 18% GST charge	784553.47
						Grand-Total Amount	5143183.85

Checked 18/9/2024

A.E.E.

Serial No. .....
Name of work .....
Name of Contractor
Date of commencer

Date	Full de
1	Certi
	* Certi
	* Thar
	* The

M. A. R. 57 (Rule 116)
Measurement Book

No. 49

Serial No. .....

Name of work .....

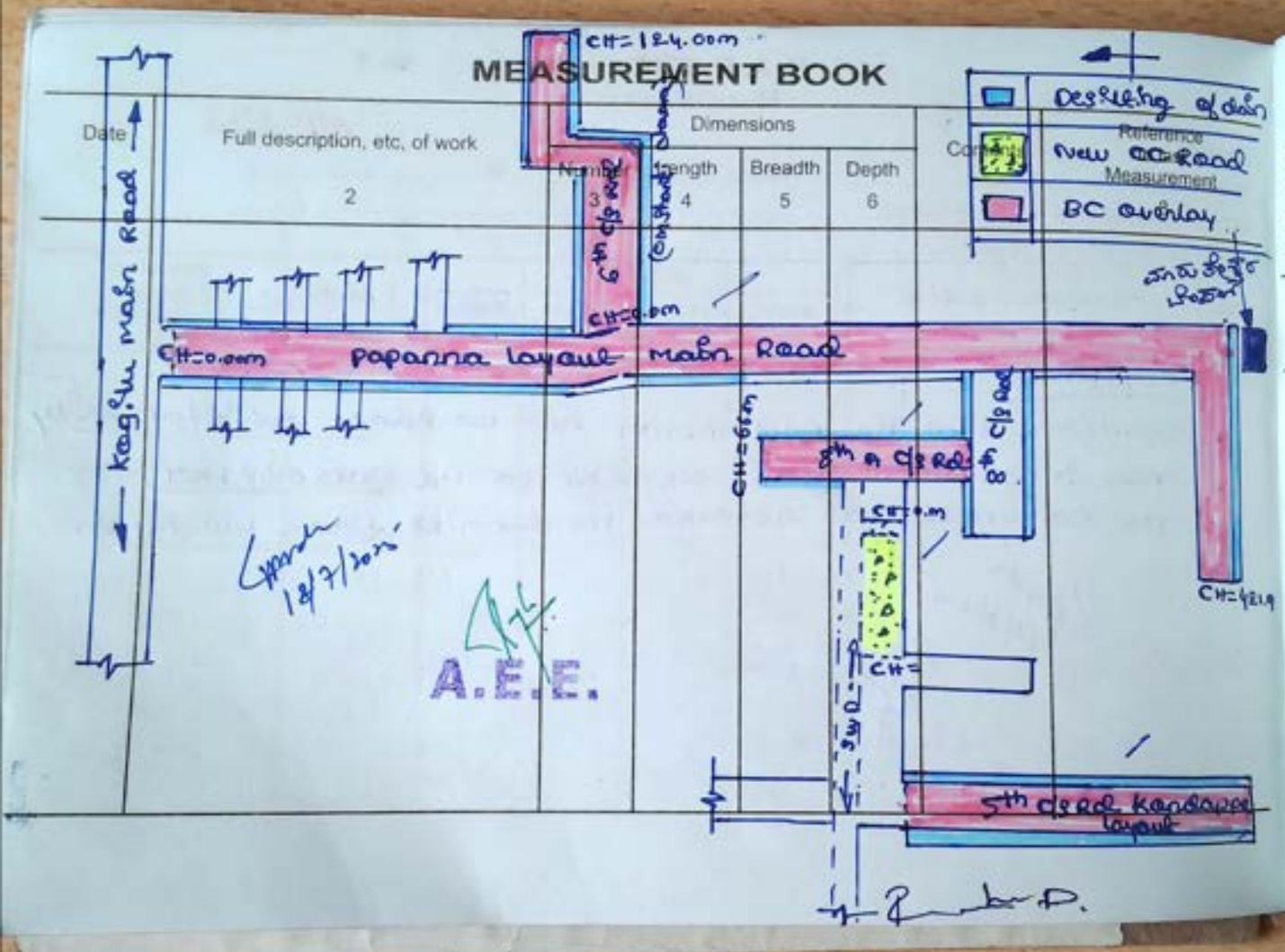
Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate						
	* Certified that the contractor has workdone satisfactorily						
	* There is no material issues are made to the contractor.						
	* The contractor has removed the debories from workspot						
	1/7/2025						
	A.E.E.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		



Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

Date	Full descr
1	

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

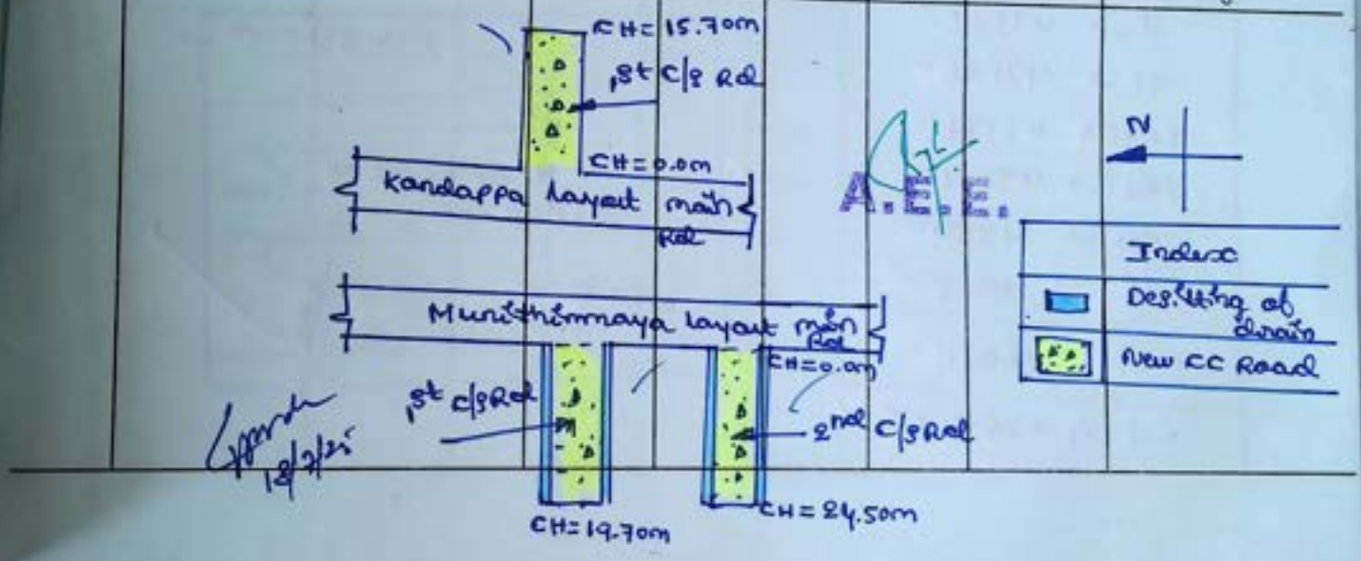
Name of work ..... From ..... To .....

496154

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



MEASUREMENT BOOK

Date	Full description of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	G.T - 5143183=00 ✓					001-25-00002I ✓	
	IT → 43586 ✓					1st & Final Bill ✓	
	LL → 43586 ✓						
	CGST → 43586 ✓						
	SGST → 43586 ✓						
	CLF → 4259 ✓						
	LR. → 81908 ✓						
	T.D → 260611 ✓						
	Net → 4882572 ✓						

Audited & Admitted for Rs. 5143183=00 ✓

4882572=00 ✓ by Cheque

and Rs. 260611=00 ✓ by Assessment

Assistant Director
Vigilance Establishment
Betul

For Executive Engineer
Water Resources Department
Betul

Serial No. .....
Name of work .....
Name of Contractor
Date of commence

Date	Full de
1	

Karnataka Public Procurement Portal

Tender Management

Search Tenders | My Negotiation | My ICO

Process History

Tender Information

Tender Number
BBMP/2024-25/OW/WORK_INDENT6870

Tender Name
Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no : 01

Category
Works

Evaluation Type
Two Tender Document System (Two Cover)

File Number
BBMPEEYNKD

Tender Amount(Rs)
4236339.29

Publish Type
Request for Quotation (RFQ)

Evaluation Status

Process Name
Financial Evaluation Approval

Task Details
Review or Approve Financial Evaluation for Tender Number: BBMP/2024-25/OW/WORK_INDENT6870

Assigned to
BBMP_CE_YEL

Comments
The tender is approved by zonal commissioner in hard file. Hence financial bid is opened in e portal.

Completed on
19-04-2025 17:09:21

Started on
21-04-2025 11:29:50

Completed on
21-04-2025 11:30:43

Decision
Approved

Uploaded Documents
-

Status
Completed

Process Name
Financial Evaluation Approval

Task Details
Financial Criteria Evaluation for Tender Number: BBMP/2024-25/OW/WORK_INDENT6870

Assigned to
BBMP_EE_YEL_DIV

Comments

In this tender Two Bidder are participated. L1 Sri RAVICHANDRA P Quoted Rs.4363443.05 above 3.00 percent And L2 Bidder Sri H.MANGANATH Quoted Rs. 439727554 above 3.80 percent. Hence recommended for the rates quoted by L1 Bidder for your kind approval.

Creation on
29-03-2025 11:16:51

Participation
29-03-2025 11:17:11

Completed on
19-04-2025 17:09:21

Decision

Uploaded Documents
0

Status
Completed

Process Name
Financial Evaluation Approval

Task Details
Financial Bids Opening for Tender Number: BBMP/2024-25/DW/WORK_INDENT6870

Assigned to
BBMP_EE_YEL_DIV

Comments

Creation on
29-03-2025 10:58:09

Participation
29-03-2025 11:16:11

Completed on
29-03-2025 11:16:51

Decision

Uploaded Documents
0

Status
Completed

Process Name
Financial Evaluation Approval

Task Details
Submit

Assigned to
wbadmin

Comments

Creation on
29-03-2025 10:58:09

Participation
29-03-2025 10:58:09

Completed on
29-03-2025 10:58:09

Decision
Initiated

Uploaded Documents

Status
Completed

Process Name

Technical Evaluation Approval

Task Details

Review or Approve Technical Qualifications Evaluation for Tender Number: BBMP/2024-25/OW/WORK_INDENT/6870

Assigned to

BBMP_CE_YEL

Comments

As per the recommendation of EE the technical bid is approved. Financial bid may be opened

Created on

28-03-2025 16:44:55

Started on

29-03-2025 10:56:32

Completed on

29-03-2025 10:57:30

Decision

Approved

Uploaded Document

-

Status

Completed

Process Name

Technical Evaluation Approval

Task Details

Evaluate Technical Qualifications for Tender Number: BBMP/2024-25/OW/WORK_INDENT/6870

Assigned to

BBMP_EE_YEL_DIV

Comments

In this tender Two Bidders are participated 1) R RANGANATH and 2) RAVICHANDRA P fulfilled all the required parameters. Hence Technically Qualified and kind permission may be accord to open the Financial bid of qualified bidder.

Created on

26-03-2025 12:17:00

Started on

26-03-2025 12:17:05

Completed on

28-03-2025 16:44:55

Decision

Uploaded Document

-

Status

Completed

Process Name

Technical Evaluation Approval

Task Details

Technical Bids Opening for Tender Number: BBMP/2024-25/OW/WORK_INDENT/6870

Assigned to

BBMP_EE_YEL_DIV

Comments

Created on

25-03-2025 16:57:05

Started on

26-03-2025 12:16:56

Completed on

26-03-2025 12:17:00

Decision

Completed

Technical Evaluation Approval

Submit

mbadmin

25-03-2025 16:57:05

25-03-2025 16:57:05

25-03-2025 16:57:05

Initiated

Completed

Tender Opening Approval

Add Scrutiny Committee Representative for Tender Number :BBMP/2024-25/OW/WORK_INDENT6870

BBMP_EE_YEL_DIV

25-03-2025 16:56:24

25-03-2025 16:56:41

25-03-2025 16:56:44

Completed

Tender Opening Approval

Verify Payment for Tender Number :BBMP/2024-25/OW/WORK_INDENT6870

BBMP_EE_YEL_DIV

25-03-2025 16:54:49

25-03-2025 16:54:55

Completed on
25-03-2025 16:56:24

Decision

Uploaded Documents
0

Status
Completed

Process Name
Tender Opening Approval

Task Details
Tender Opening for Tender Number: BBMP/2024-25/OW/WORK_INDENT/6870

Assigned to
BBMP_EE_YEL_DIV

Comments

Created on
25-03-2025 16:30:45

Started on
25-03-2025 16:54:38

Completed on
25-03-2025 16:54:49

Decision

Uploaded Documents
0

Status
Completed

Process Name
Tender Opening Approval

Task Details
Submit

Assigned to
wbadmin

Comments

Created on
25-03-2025 16:30:45

Started on
25-03-2025 16:30:45

Completed on
25-03-2025 16:30:45

Decision
Initiated

Uploaded Documents

Status
Completed

Estimate/DTS Status

Process Name
Tender Approval

Task Details
Pending Review/Approval for Tender Reference Number: BBMP/2024-25/OW/WORK_INDENT/6870

BBMP_CE_YEL

Approved

14-03-2025 17:07:29

14-03-2025 17:07:49

Approved

0

Completed

Tender Approval

Submit

BBMP_EE_YEL_DIV

14-03-2025 15:53:22

14-03-2025 15:53:22

14-03-2025 15:53:22

Initiated

Completed

Estimate Technical Approval

Prepare Request for Quotation (RFQ) for Work Estimate with Number: BBMP/2024-25/DW/WORK_INDENT/6870

BBMP_EE_YEL_DIV

Completed

14-03-2025 15:48:39

14-03-2025 15:48:49

14-03-2025 15:49:02

0

Completed

Process Name
Estimate Technical Approval

Action
Perform Technical Sanction Approval for Work Estimate with BBMP/2024-25/DW/WORK_INTENT/6870

Assigned to
BBMP_EE_YEL_DIV

Comments
Approved

Created on
14-03-2025 13:57:57

Started on
14-03-2025 15:47:57

Completed on
14-03-2025 15:48:39

Decision
Approved

Uploaded Documents
0

Status
✔ Completed

Process Name
Estimate Technical Approval

Task Details
Submit

Assigned to
BBMP_EE_YEL_DIV

Comments
APPROVED

Created on
14-03-2025 13:57:57

Started on
14-03-2025 13:57:57

Completed on
14-03-2025 13:57:57

Decision
Initiated

Uploaded Documents

Status
✔ Completed

Close | Export to PDF

Process Name
Estimate Technical Approval

Task Name
Perform Technical Sanction Approval for Work Estimate with BBMP/3074-25/DW/WDW_INDENT&#10

Assigned to
BBMP_EE_YEL_DIV

Comments
Approved

Created on
14-03-2025 13:57:57

Started on
14-03-2025 15:47:57

Completed on
14-03-2025 15:48:39

Decision
Approved

Uploaded Documents
0

Status
Completed

Process Name
Estimate Technical Approval

Task Details
Submit

Assigned to
BBMP_EE_YEL_DIV

Comments
APPROVED

Created on
14-03-2025 13:57:57

Started on
14-03-2025 13:57:57

Completed on
14-03-2025 13:57:57

Decision
Initiated

Uploaded Documents

Status
Completed

Close | Export to PDF

BRUHAT BENGALURU MAHANAGARA PALIKE

TENDER DOCUMENT – KW3

(WORKS COSTING MORE THAN Rs.50.00 LAKHS and Less than 100.00 Lakhs)

Name of Work: - Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

Estimate Cost: 50.00 Lakhs.

Contents

Section	Description
1	INVITATION FOR TENDERS (IFT)
2	INSTRUCTIONS TO TENDERERS (ITT)
3.	QUALIFICATION INFORMATION
4.	FORM OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM
5.	CONDITIONS OF CONTRACT (CC)
6.	CONTRACT DATA
7	SPECIFICATIONS
8	DRAWINGS
9.	BILL OF QUANTITIES
10.	FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

BRUHAT BENGALURU MAHANAGARA PALIKE

No: BBMP/EE/YNK-D/KPPP/16/2024-25

Office of the Executive Engineer
Yelahanka division, Bangalore – 560064.
Dated : **10-03-2025**

INVITATION FOR TENDER (IFT)
(Two Cover system)
(Short term- Tender Notification)
(Through Karnataka Procurement Public Portal only)

1. The Executive Engineer Yelahanka Division invites tenders on behalf of the Chief commissioner, BBMP, Bengaluru from eligible Tenderers for the construction of works detailed in the table below. The tenderers may submit tenders for works given in the table through e-procurement portal of the Government of Karnataka (viz https://kppp.karnataka.gov.in) The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderers to qualify for award of the contract **as per standard tender document KW-04, KW-03, KW-02.**
2. Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be in any one of the forms as specified in the Tender document (Minimum of Rs.1,00,000/- through e-payment under of the following i.e., online/RTGS /NEFT /OTC and the balance by bank guarantee issued by Nationalized / Scheduled Bank and shall have to be valid for 180 days beyond the validity of the tender)
3. Tenders must be submitted online through e-procurement portal on or before 16.00 hours on 24-**03-2025** and the opening of tender s will be as per the Karnataka Public Procurement Portal guidelines.
4. GST Shall be Paid to the tendered amount separately
5. Other details can be seen in the tender documents.

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Sl. No.	Name of the Work	Est. Cost in Lakhs	EMD in Lakhs	Category	Cost of Tender form in Rs. (Non-Refundable)	Period of Completion
1	Resurfacing of roads at Maruthinagara 3rd main 6th, 7th and 8th cross roads in Kempegowda ward no -01	50.00	0.50	ST	As per KPP Portal	90 Days
2	Resurfacing of roads at Dharmaraya temple road and Nagareshwara temple road in Kempegowda ward no -01	50.00	1.00	OTHERS	As per KPP Portal	90 Days
3	Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01	50.00	0.50	SC	As per KPP Portal	90 Days
4	Resurfacing of roads at Maruthingara 2nd main, 10th, 11th and 12th cross roads and Alpha school road in Kempegowda ward no -01	50.00	1.00	OTHERS	As per KPP Portal	90 Days
5	Resurfacing of roads at Surabhi layout 2nd cross roads in Kempegowda ward no -01	40.00	0.40	SC	As per KPP Portal	90 Days
6	Resurfacing of roads at Manavarthi thota main and cross roads in chowdeshwari ward no -02	60.00	1.20	OTHERS	As per KPP Portal	90 Days
7	Constructions to drains at Hariraja layout and Kaveri layout in Attur ward no -03.	80.00	1.60	OTHERS	As per KPP Portal	90 Days
8	Resurfacing of roads at Lakshman reddy layout in Attur ward no -03.	60.00	1.20	CAT-II(A)	As per KPP Portal	90 Days
9	Improvement to roads and drains at Nanjundappa badavane in Yelahanka upanagara ward no -04.	60.00	1.20	CAT-I	As per KPP Portal	90 Days
10	Improvements and development of parks in ward N:02, 03 & 04 of Yelahanka Division.	300.00	4.50	OTHERS	As per KPP Portal	180 Days

Calendar of events:

- Date of Pre bid meeting at the office Executive Engineer (Yelahanka Division) on **17- 03-2025** at **16.00 hrs**
- Date of Opening of Technical bids on 25 **-03-2025 after 16:00 hours**

EMD Payment:

Tender Processing fee and EMD should be made in KPPP portal only using any of the following four modes of e-payment.

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

1. Credit Card
2. Direct Debit
3. National Electronic Fund Transfer (NEFT)
4. Remittance of the bank counter (OTC)

ESSENTIAL CONDITIONS:

1. The Tender Notification will be accessible in the website of Karnataka Public Procurement Portal Plat form (viz https://kppp.karnataka.gov.in).
2. The interested contractors / suppliers may download the tender documents. The contractors may choose or otherwise attending the pre-bid meeting indicated in the Invitation for Tender.
3. Tender documents may be downloaded from Government of Karnataka Public Procurement Portal website (viz https://kppp.karnataka.gov.in). under login for Contractors. Aspiring Bidders/Contractors who have not registered in Karnataka Public Procurement Portal should register before participating through the website https://kppp.karnataka.gov.in.
4. The contractors shall submit the digitally signed tenders electronically on or before the date and time of submission published in the Karnataka Public Procurement Portal along with stipulated EMD notified in the tender document.
5. The tenders will be evaluated only on confirmation of receipt of payment of EMD.
6. The Tender will remain valid for **180 Days** from the Date of Opening of Tender.
7. The Contractor is not eligible for submission of application for tender form if he has not put the tender after purchase of the tender document continuously for three times.
8. The Successful tenderer will have to execute an agreement with BBMP within **seven days** of receipt of intimation of Letter of Acceptance, failing which his tender will be summarily rejected without giving any further Notice.
9. The Contractor / Agency shall intimate the change, if any, in any of the addresses, in advance or maximum within one week of such change along with acknowledgement of noting down of such change in address from the bank, Income tax, GST authorities etc. Failure to do so liability lies on the Contractor / Agency what so ever.
10. The Work shall be commenced with all Men, Material Tools and Plants within 7 days from the Date of Work Order, failing to which it would be presumed that the Successful Tenderer is not interested in the Work and Action will be taken to get the Work executed through Alternate Agency at the risk and cost of the Former Tendered.
11. Defect Liability Period (DLP) and Maintenance Period will be as per Commissioner Order No: D/¦.J¸i.Dgï/G-5317/2012-13 ¢£ÁAPÀ: 28.09.2012
12. FSD will be refunded only after Defect Liability Period (DLP) as per Condition 12.
13. Tenders must be accompanied by Earnest Money Deposit specified for the work in the Table below. Earnest Money Deposit will have to be in any one of the forms as specified in the Tender document and shall have to be valid for **90 days** beyond the validity of the tender.
14. Frequency of the Quality tests of all the materials and other tests have to be conducted by contractor as per Specifications for Road and Bridge Works (5th Revision) and IRC:SP:11-1984 Handbook of Quality Control for Construction of Roads and Runways, IRC:SP:112-2017 Manual for Quality Control in Road and Bridge Works, IRC:SP:47-1998 Guidelines on Quality Systems for Road Bridges (Plain, Reinforced, Prestressed), RC:SP:57-2000 Guidelines for Quality Systems for Road Construction and Composite Concrete and SP:7-2005 National Building Code of India & other relevant Indian standards in his laboratory or any other Laboratory assigned by the BBMP on his own cost in presence of Engineer/ consultants appointed by BBMP.
15. As per Govt. Order No: LD 300/LET/2006, Dated: 18.07.2007, 1% of the bill amount will be deducted and remitted to Karnataka State Building & Other Construction Employees Welfare Board.

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16. The Tenderers are advised to note the minimum qualification criteria specified in clause 3 of the Instructions to Tenderers to qualify for award of the contract **(Standard Tender Document KW 1, kw2, kw 3 & kw 4** also Tenderers are advised to go through the Standard Bid Documents.
17. Any Corrigendum / Modification will be notified in the Notice Board of the Undersigned.
18. The BBMP reserves right to accept/reject any or all tenders without assigning any reasons what so ever.
19. **Successful Tenderer should deliver to the employer a security deposit equivalent 5% of the Contract price in form of DD / Bank Guarantee in favour of Executive Engineer, Yelahanka Divison, BBMP otherwise action will be initiated as per Standard Bid document clauses.**
20. **An additional security for unbalanced bids in the form of DD/ Bank Guarantee to be submitted in favour of Executive Engineer, Yelahanka Divison, BBMP to the undersigned before opening of the technical l bid otherwise there bids will be rejected.**
21. The Tender Accepting Authority shall have the power to accept or to reject any tender without assigning any reason thereof.
22. GST will be paid to the tendered amount separately only for 2021-22 schedule of rates and for GST/VAT is included in other than 2021-22 schedule of Rates.
23. As per Government Circular No. CI 81 MMN 2014 Dt. 18.02.2014 & UÀ¨sÀÆE:r'©/ PÀUÀUÀÄ/gÁ.¥À.PÉÆÃ/2013-14 ¢£ÁAPÀ:13.03.2014 the contractor are liable to pay royalty in terms of the contract if they are not able to produce the material purchased document from where they purchase.
24. Black Listed Contractors / in Govt. / Quasi Govt. / Boards / BBMP etc., are not eligible to quote, if found such Tenders will be rejected.
25. All the participants should produce all the original documents for verification whenever necessary.
26. The work shall be carried out as per the directions of the BBMP and if necessary in coordination with BESCOM, BWSSB, Other Utility Agencies and Engineer in charge of Work.
27. No Joint Venture / Consortium is permissible.
28. The Work shall be commenced with all Men and Machinery within 7 days from the Date of Work Order, failing which it would be presumed that the Successful Tenderer is not interested in the Work and Action will be taken to get the Work executed through Alternate Agency at the risk and cost of the Former Tenderers.
29. Conditional Tenders will not be entertained and they are summarily rejected.
30. Further particulars can be had from the office of the Executive Engineer, Yelahanka Division, and BBMP during the working days between 10.00 A.M. to 5.30 P.M.
31. The Construction Debris Generated from Work Shall be dumped in Designated Dumping Yards Only.
32. If the Contractor has any liability whatsoever to the BBMP / Govt the same will be deducted from the Contractors bills.

33. Bidder shall submit the bids electronically before the stipulated date and time for the submission published in e-procurement portal. No tenders can be submitted after the due date and time as the portal will not accept late tenders.

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34. The contractor / supplier can modify and correct or upload any other relevant document in the portal before last date and time of submission on e-portal. No modifications or withdrawal of tender is possible the closing time of the submission of the tender.
35. In the event of the specified date of tender opening being declared a holiday for the tender inviting authority, the tenders will be opened the next immediate working day.
36. As per Commissioner inter Office Note No:D/Dgi/1629/18-19 Dated:18-08-2018. The Contractors to Implement/Entrusted the works in 3 shifts round the clock.
37. Bidder Should Submit **one set Hard Copy with spiral Binding of all documents which are uploaded in the portal to this office before opening the technical bid.** Otherwise their bid will be rejected.
38. The Bidder /Contractors should shall not Quote below the minimum labour rates prevailing @ the time of Tender Notification. If so they shall be provide the Rate Analyses for the same. (To be uploaded in e-procurement plat form).
39. The Works reserved for SC/ST category relaxation of Tender clauses will be applicable as per Government order No: FD 876 Exp-12/2017, Dated: 10-10-2017.

Sd/-
Executive Engineer
Yelahanka Division

Copy to

1. The Chief Commissioner, BBMP for kind information.
2. Copy submitted to the Special Commissioner (Projects) for kind information.
3. Copy submitted to Zonal Commissioner (Yelahanka) For Kind Information.
4. Copy submitted to the Special Commissioner (Finance) & Tender bulletin officer, BBMP for requesting to publish the tender notification in tender bulletin.
5. Copy submitted to the Joint Commissioner (Yelahanka) for kind information.
6. Copy submitted to the Engineer-In-Chief for kind information.
7. Copy submitted to the Chief Engineer (Yelahanka) for kind information.
8. Copy submitted The Deputy Commissioner (Bengaluru Urban) for kind information & requested to arrange for publication and to send a copy of the same to this Office for further action.
9. Copy submitted to Chief Auditor / Chief Account officer for kind information
10. Copy submitted to A.C.F (Yelahanka) for information.
11. Copy to Public Relationship Officer, BBMP with request to make arrangements for publication of notification in two leading daily Kannada and English Bangalore based Newspapers as the case may be within next two days & requested to communicate the same to this Office as early as possible.
12. Copy to Acct. Suptd. / Cashier of Division office for Necessary Action.
13. Copy to IT Advisor with Soft copy for needful action to place in the BBMP website.
14. Copy to Store Keeper/ Records Section, Mayo Hall, Bangalore for information and need full action.
15. Notice Board / Office Copy.

Executive Engineer
Yelahanka Division, BBMP

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SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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A. General

1. **Scope of Tender**

1.1 **The Executive Engineer, Yelahanka Division, BBMP** (Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tenderers, for the construction of works (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. **Eligible Tenderer's:**

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka / BBMP

2.2 **Tenders from Joint ventures are not acceptable.**

3. **Qualification of the Tenderer:**

3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years (i.e. 2019-20 to 2023-24)

(a) achieved in at least two financial years a minimum financial turnover (in all classes of civil engineering construction works only) of Rs.85.00 lakhs

(b) satisfactorily completed (at least 50% of the contract value) as prime contractor, at least one similar work such as asphalting ,drain, footpath works of value not less than Rs. 21.50 lakhs

(c) executed in any one year, the following minimum quantities of work:[1]

Sl. No	Description	Unit	Quantity
1	Earthwork excavation	Cum	350.00
2	PCC/RCC	Cum	80.00
3	WMM	Cum	128.00
4	BM/BC	Cum	160.00

Note: Certified Contractors Bill Copies shall be uploaded (Admitted Bill Copies)

(d) The Tenderer or his identified sub-contractor should possess required valid electrical license for executing building electrification works and should have executed similar electrical works totaling Rs. ..... *(usually not less than 50% of the electrical works)* * in any one year;[2]

(e) The Tenderer or his identified sub-contractor should possess valid license for executing water supply/sanitary engineering works and should have executed similar water supply/sanitary engineering works totaling Rs..... *(usually not less than 50% of the water supply/sanitary engineering works)* * in any one year;[3]

3.3 Each Tenderer should further demonstrate:

(a) Availability by owning critical equipment and at least 50% of the required/specified key equipment for this work and the remaining 50% can be deployed on lease/hire basis for all works

[1] Specify the principal items of works to be executed under this contract
[2] This is for building works. Appropriately change for other works.
[3] This is for building works. Appropriately change for other works.

Deepak

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Bruhat Bengaluru Mahanagara Palike
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provided the relevant documents (commitment agreements etc.) for availability for this work are furnished.

(b) Deleted

(c) Liquid assets and /or availability of credit facilities of not less than Rs.12.50 Lakhs (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc.

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Sub-contractors' experience and resources shall not be taken into account in determining the Tenderer's compliance with the qualifying criteria except to the extent stated in 3.2 (d) and (e) above

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Assessed available tender capacity = (A*N*2.5 - B)

Where ;

A = Maximum value of works executed in any one year during the last five years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at 2024-25 price level, of existing commitments and on-going works to be completed during the next 3 Months.

Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.

3.2 Even though the Tenderers meet the above criteria, they are subject to be disqualified if they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

B. Tender documents

4. Content of Tender documents

The Contractor should go through the Tender Document and submit the response Technical/commercial through e-procurement portal online after downloading the tender.

5. Amendment of Tender documents

5.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

5.2 Any addendum thus issued shall be part of the tender documents and shall be posted online in the e-procurement portal which Contractors should download.

5.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders on line through e-procurement portal, in accordance with Sub-Clause 12.2 below.

C. Preparation of Tenders

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6. Documents comprising the Tender

6.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows:

6.1.1 First Cover: (Only online)

(a) Earnest Money Deposit; on line payment through e-Procurement platform.

(d) Qualification Information as per formats given in **Section 3; Qualification Information.**

6.1.2 Second Cover: (Only online)

(a) The Tender (in the format indicated in Section 4)

(b) Priced Bill of Quantities (Section 9), online through e-procurement portal, no hardcopy of commercials should be attached or disclosed.

and any other materials required to be completed and submitted by Tenderers in accordance with these instructions. The documents listed under Sections 3, 4, 6 and 9 shall be filled in without exception.

6.2 Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

7. Tender prices

7.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

7.2 The Tenderer shall fill in rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total tender price (both in figures and words). **Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made online only before the submission of the bid.**

7.3 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

7.4 The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with the provisions of Clause of the Conditions of Contract.

8. Tender validity

8.1 Tenders shall remain valid for a period not less than ninety days after the deadline date for tender submission specified in Clause 12. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

8.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 9 in all respects.

9. Earnest money deposit

9.1 Earnest Money Deposit/ Bid security

The supplier/contractor can pay the Earnest Money Deposit (EMD) in the e-Procurement portal using any of the following payment modes: **(Minimum of Rs. 50000/- for works where amount put to tender is less than 1.00 Crore and the balance amount by Bank Guarantee issued by Nationalized/Scheduled Bank.)**

The amount of EMD is Rs. 50000/-.

- Credit Card
- Direct Debit
- National Electronic Fund Transfer (NEFT)
- Over the Counter (OTC)

The Original Bank Guarantee should be handed over to the Executive Engineer, Yelahanka division BBMP Banglaore – 560064 by the bidders at the time of opening of Technical Bid for verification. Non compliance leads to the rejection of the Technical Bid.

The supplier/contractor's bid will be evaluated only on confirmation of receipt of the payment (EMD) in the Government of Karnataka central pooling a/c held at Axis Bank.

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EMD amount will have to be submitted by the supplier/contractor taking into account the following conditions

a. EMD will be accepted only in the form of **electronic cash**

b. The entire EMD amount for a particular tender has to be paid in a single transaction

For details on e-Payment services refer to e-procurement portal for more details on the process.

Refund of EMD

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the supplier/contractor registered in the e-Procurement system.

9.2 Instruments having fixed validity issued as earnest money deposit for the tender shall be valid for 45 days **beyond** the validity of the tender.

9.3 Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in Sub-Clauses 9.1 and 9.2 above shall be rejected by the Employer as non-responsive.

9.4 The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 8.1.

9.5 The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

9.6 The earnest money deposit may be forfeited:

(a) if the Tenderer withdraws the Tender after tender opening during the period of tender validity;

(b) if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 19; or

(c) in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to

(i) sign the Agreement; or

(ii) furnish the required Security deposit

10. Format and signing of Tender

Tenderer shall submit the Bid electronically before the submission date and time published in KPP - Portal.

D. Submission of Tenders

11. Tenderer shall submit the Bid electronically before the submission date and time published .

12. Deadline for submission of the Tenders

12.1 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

13. Late Tenders

13.1 In online e procurement system ,you shall not be able to submit the bid after the bid submission time and date as the icon or the task in the eprocurement portal will not be available.

14. Modification and Withdrawal of Tenders

Tender has all the time to modify and correct or upload any relevant document in the portal till Bid submission date and time ,as published in the eprocurement portal .

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E- Tender opening and evaluation

15. Opening of First Cover of all Tenders and evaluation to determine qualified Tenderers:

15.1 The Employer will open online the First Covers of all the Tenders received through eprocurement portal, in the presence of the Tenderers or their representatives who choose to attend at 11.00 hours on the date and the place specified in the e-procurement portal. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

15.3 The Tenderes names, the presence or absence of earnest money deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

15.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 15.3.

15.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.[4]

16 Opening of Second Cover of qualified Tenderers and evaluation:

16.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open online the Second Covers of Qualified Tenderers at the appointed time and date (as indicated in the e-Procurement Portal) in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

16.4 The Employer shall prepare minutes of the Second Cover Tender opening.

17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18 Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted .

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

19. Examination of Tenders and determination of responsiveness

[4] The evaluation of the technical aspects contained in the first cover should be completed within a reasonable period and the time gap between the opening of the first and second cover should be the minimum and in any case not more than 45 days {In exceptional cases, approval of the Secretary to the Government of the concerned Department/Managing Director of the Corporation shall be obtained, where the period is more than 45 days but less than 60 days. If it exceeds 60 days the tenders shall be reinvited.

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19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender: (a) has digitally signed; and; (b) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

20 Correction of errors

The Tenderer can do Modifications before submitting their bids online only.

21. Evaluation and comparison of Tenders

21.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 19.

21.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

21.4 **If the tender of the successful tenderer is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may require the Tenderer to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the performance security set forth in Clause 25 be increased at the expense of the successful Tenderer to a level sufficient to protect the Employer against financial loss in the event of default of the successful under the contract.**

F. Award of Contract

22. Award criteria

22.1 Subject to Clause 24, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

23. Employer's right to accept any Tender and to reject any or all Tenders

23.1 Notwithstanding Clause 22, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

24. Notification of award and signing of Agreement

24.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by, e-mail or facsimile or e-procurement portal or through letter . This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

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24.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 25.

24.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

25.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

25. Security deposit

25.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price:-

- Banker's cheque/Demand draft./Pay Order in favour of The Executive Engineer,BBMP Yelahanka division Bangalore
- A bank guarantee in the form given in Section 10

25.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

25.3 The security deposit if furnished in demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

25.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 25.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

26. Corrupt or Fraudulent practices

26.1 The GOK requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK :

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

26.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 43.2 of the Conditions of Contract.

Revised

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SECTION 3: QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer

Place of Registration [Attach copy]

Principal place of business: _____ (Attach Copy)

1.2 Total value of works executed and payments received in the last five years (in Rs. Lakhs) (Attach Certificate from Chartered Accountant)

2020-21 _____
2021-22 _____
2022-23 _____
2023-24 _____
2024-25 _____

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above. (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

Project Name	Name of Employer	Descrip--tion of Work	Contract Number	Value of contract Rs. Lakhs	Date of issue of work	Specified period of completion order	Actual date of completion	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above: (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

Year	Name of Work	Name of Employer	Quantity of work performed (As per Clause 3.2 (C)				Remarks (Indicate contract reference)
			Earth work Excavation	WBM with gade-II & Grade-III Metal	Cement Concrete	Asphalting	
2020-21							
2021-22							
2022-23							
2023-24							
2024-25							

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works: (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

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Description of Work (1)	Place & State (2)	Contract No. & Date (3)	Name and Address of Employer (4)	Value of Contract (Rs. lakhs) (5)	Stipulated period of completion (6)	Value of works[5] remaining to be completed (Rs. lakhs) (7)	Anticipated date of completion (8)

(B) Works for which Tenders already submitted:

Description of Work (1)	Place & State (2)	Name and Address of Employer (3)	Estimated value of works (Rs. lakhs) (4)	Stipulated period of completion (5)	Date when decision is expected (6)	Remarks if any (7)

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below

Item of Equipment	Requirement No.	Capacity	Owned	Owned and available Number/ Capacity	Age/ Condition	Remarks

As per Section-2 A-General Clause 3.3 (a) & (b)

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

BANKER'S CERTIFICATE

This is to certify that M/s ..... is a reputed company with a good financial standing. If the contract for this work, namely

Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

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is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs . 12.50 Lakhs to meet the working capital requirements for executing the above contract.

Sd/-
Name of the Bank, Senior Bank Manger
Address:

1.11 Proposals for subcontracting components of works amounting to more than 20% of the contract price. (Attach Certificate from the respective employers.)

Item of Work	Value of Sub-Contract	Identified Sub-Contractor (Name and address)	Experience of similar work
		DELETED	

1.12 Information on litigations in which the Tenderer is involved

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status

1.13 The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

SECTION 4: FORMS OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no - 01

To:

The Executive Engineer
Yelahanak Division
BBMP Bangalore

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of ..... (in fig)
.....(in letters)

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,

Authorized Signature:

Name & Title of Signatory: _____

Name of Tenderer _____

Address: _____

_____

_____

Letter of Acceptance

(letterhead paper of the Employer)

To: _____ [date]

_____ [name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated _____ for execution of the Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

for the Contract Price of Rupees ( ) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit in the form detailed in Clause 25.1 of ITT for an amount of Rs.———— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to 2 Years and sign the contract, failing which action as stated in Para 25.4 of ITT will be taken.

Received by

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Issue of Notice to proceed with the work
(letterhead of the Employer)

To

_____ (date)

_____ (name and address of the Contractor)

_____

_____

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

at Tender Price of Rs._____, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature,name and title of Signatory
authorized to sign on behalf of Employer)

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Agreement **Agreement Form**

This agreement, made the _____ day of _____ 20_____, between The Executive Engineer,P.W.P & I.W.T.D Special Division Hunsur. (hereinafter called "the Employer") of the one part and _____ [name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

(hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
   - i) Letter of Acceptance;
   - ii) Notice to proceed with the works;
   - iii) Contractor's Tender;
   - iv) Contract Data;
   - v) Conditions of contract (including Special Conditions of Contract);
   - vi) Specifications;
   - vii) Drawings;
   - viii) Bill of Quantities; and
   - ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____
was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the said _____
_____

in the presence of:
Binding Signature of Employer _____
Binding Signature of Contractor _____

Pradeep

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

SECTION 5: CONDITIONS OF CONTRACT

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A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.
Compensation events are those defined in Clause 34 hereunder.
The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 38.1
The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.
The **Contract Data** defines the documents and other information which comprise the Contract.
The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.
The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.
The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
Days are calendar days; **months** are calendar months.
A **Defect** is any part of the Works not completed in accordance with the Contract.
The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.
The **Employer** is the party who will employ the Contractor to carry out the Works.
Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.
The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.
Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.
Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.
The **Site** is the area defined as such in the Contract Data.
Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.
The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.
A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.
A **Variation** is an instruction given by the Employer which varies the Works.
The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor's Tender

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(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) Any other document listed in the Contract Data as forming part of the Contract

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting

7.1 Deleted

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are:
(a) In so for as rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or
(b) a cause due solely to the design of the Works, other than the Contractor's design; or
(c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:
(i) could not have reasonably foreseen; or

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(ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures;
(A) prevent loss or damage to physical property from occurring by taking appropriate measures or
(B) insure against such loss or damage

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Queries about the Contract Data

13.1 The Employer will clarify queries on the Contract Data.

14. Contractor to construct the Works

14.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

15. The Works to be completed by the Intended Completion Date

15.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor, as updated with the approval of the Employer, and complete them by the Intended Completion Date.

16. Safety

16.1 The Contractor shall be responsible for the safety of all activities on the Site.

17. Discoveries

17.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

18. Possession of the Site

18.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

19. Access to the Site

19.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

20. Instructions

20.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

B. Time Control

21. Program

Recd

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21.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

21.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

22. Extension of the Intended Completion Date

22.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

22.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

23. Delays ordered by the Employer

23.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

24. Management meetings

24.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

25. Identifying defects

C. Quality Control

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect.

26. Tests

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. Correction of defects

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

28. Uncorrected defects

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

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D . Cost Control

29. Bill of Quantities (BOQ)

29.1 The BOQ shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.

29.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

30. Variations

30.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
(b) Omit any item of work;
(c) Change the character or quality or kind of any item of work;
(d) Change the levels, lines, positions and dimensions of any part of the work;
(e) Execute additional items of work of any kind necessary for the completion of the works; and
(f) Change in any specified sequence, methods or timing of construction of any part of the work.

30.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

30.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

30.4 The Contractor shall promptly request in writing the Employer to confirm verbal orders and if no such confirmation is received within 30 days failing which the work shall be carried out as though there is no variation. In case variation is approved it shall be accompanied by BOQ, failing which the contractor shall be responsible for deviation if any. Further approval of Govt. has to be obtained for the variation exceeding 5%.

31. Payments for Variations

31.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

31.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

31.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract

31.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 31.1 or 31.2 or 31.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

31.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer's own forecast of the effects of the Variation on the Contractor's costs.

31.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

31.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

32. Submission of bills for payment

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32.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

32.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

32.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

33. Payments

33.1 Payments shall be adjusted for deductions for advance payments, other recoveries in terms of the contract and taxes, at source, as applicable under the law. The contractor shall be liable to pay the liquidated damages for short fall in progress. For progress beyond the approved program, payment is subject to availability of grants.

33.2 Items of works for which no rates or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the contract.

34. Compensation events

34.1 The following are Compensation events unless they are caused by the Contractor.

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
(e) The effect on the Contractor of any of the Employer's Risks.
(f) The Employer unreasonably delays issuing a Certificate of Completion.
(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

34.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

34.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

34.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

35. Tax

35.1 The rates quoted by the Contractor shall be deemed to be inclusive of all applicable taxes (except GST) the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

36. Liquidated damages

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36.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the Contract Data). The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

36.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

37. Cost of Repairs:

37.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

38. Completion **E. Finishing the Contract**

38.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

39. Taking over

39.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

40. Final account

40.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

41. As built drawings

41.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

41.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

42. Termination

42.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

42.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;

(b) Deleted

(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(d) Deleted

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(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;

(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

42.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 42.2 above, the Employer shall decide whether the breach is fundamental or not.

42.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

42.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

43. Payment upon Termination

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. Property

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

45. Release from performance

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

General Conditions :

(a) 1% of the Tendered amount will be deducted towards "Labour Welfare Fund ".

(b) The Tenderer has to produce all the relevant Documents as indicated in the Bid Document in originals during the opening of the Technical Bid " Mandatorily " . This is in addition to Uploading all the relevant Documents in the e-procurement portal. If the Originals are not submitted, the Tender will be rejected.

(c) All other documents which are required to be submitted are to be uploaded in the e-Procurement Portal in General Documents section, while electronically submitting the bid. If any of the Documents as desired are not submitted the Tender will be rejected.

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F. Special Conditions of Contract

1. **Labour :**

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. **Compliance with labour regulations** :

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. **Protection of Environment:**

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

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SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract:

	Clause Reference
The Employer is :	
Address: The Executive Engineer, Yelahanka Division BBMP Bangalore	[1.1]
Name of authorized Representative:	
The name and identification number of the Contract is	
The Works consists of Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no - 01	
The start date shall be the date of issue of notice to proceed with the work.	Section 4
The Intended Completion Date for the whole of the Works is Four Months with the following milestones	
The Site Possession Date is: One week after the issue of work order.	[18]
The Site is located at in yelahanka Division BBMP Bangalore limits And is defined in drawings nos.	[1.1]
The Defects Liability Period is 365 days	[27]
The liquidated damages for the whole of the works are Rs. 0.10 % of contract price per day	[36]
The maximum amount of liquidated damages for the whole of the works is ten percent of final contract price.	
The date by which "as-built" drawings (in scale 1:100) in 2 sets are required is within 30 days of issue of certificate of completion	[41]
The amount to be withheld for failing to supply "as built" drawings or supply of Operation and Maintenance Manuals by the date required is Rs. 25000.00	[41]
The following events shall also be fundamental breach of the contract :	[42.2]
1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.	
The percentage to apply to the value of the work not completed representing the Employer's	[43.1]

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SECTION 7: SPECIFICATIONS

Enclosed Separately in KPP- Portal

SECTION 8: DRAWINGS

Enclosed Separately in KPP- Portal

SECTION-9 BILL OF QUANTITIES

As indicated in KPP- Portal

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: Executive Engineer,
P.W.P & I.W.T.D. Special Division, Hunsur.

WHEREAS _____ (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute

Resurfacing of roads at Munithimmaiah layout, Kondappa gardens main and cross roads in Kempegowda ward no -01

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs._____Rupees_____ _____, and we undertake to pay you, upon your first written demand and without

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cavil or argument, any sum or sums within the limits of _____ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____

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